

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

Title: **Specs status list at the end of TSGs#23**

Document for: **information**

The following table shows the status list at the end of SA#23.

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

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

3GPP specification status

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Active or Withdrawn / Stopped (Active specs first)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

Release 7
Release 6
Release 5
Release 4
Release 99
Release 98
Release 97
Release 96
Phase 2
Phase 1
Withdrawn / Stopped

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

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Server ACTIVE specs Rel-7 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

ACTIVE specs

Rel-7

Rel-7 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-7	current version: 7.0.0		WG (prime / other): S1 / -	rapporteur: IGNATIUS, Jan		NOKIA Corporation			
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael					
	history (event, available, version, SP-23	7 . 0 . 0			remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-7	current version: 7.0.0		WG (prime / other): S1 / -	rapporteur: CARPENTER, Paul		Research In Motion Limited			
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael					
	history (event, available, version, SP-22 2004-01-06	7 . 0 . 0			remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1								
Rel-7	current version: 7.0.0		WG (prime / other): S1 / -	rapporteur: GRECH, Michel		Lucent Technologies Network Systems UK			
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael					
	history (event, available, version, SP-23	7 . 0 . 0			remarks - general:				
					remarks - this release: .				

Rel-6

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

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

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

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

Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,

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

TS 21.111 USIM and IC card requirements

Rel-6 *current version:* 6.0.0 *WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: *G:* *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-23 6 . 0 . 0

remarks - general:
remarks - this release: .

TR 21.801 Specification drafting rules

Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: *G:* yes *U:* yes *MCC:* POPE, Maurice
history (event, available, version,

remarks - general:
remarks - this release: .

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

Rel-6 *current version:* 0.7.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 2003-02-24 0 . 7 . 0 inherited from Rel-5 [get it](#)

remarks - general:
remarks - this release: SP-20: from Rel-5.

TR 21.900 Technical Specification Group working methods

Rel-6 *current version:* 6.1.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: *G:* yes *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-21 2003-09-26 6 . 0 . 0 [get it](#)
SP-22 2004-01-14 6 . 1 . 0 [get it](#)

remarks - general:
remarks - this release: SP-22: Fron now on, is null document pointing to equivalent in latest Release.

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

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

TR	21.902	Evolution of 3GPP system		WG (prime / other):	SP	/ -	rapporteur:	BISHOP, Craig	SAMSUNG Electronics Research Institute
Rel-6		current version:	6.0.0	G:	U: yes		MCC:	POPE, Maurice	
		freeze_meeting:	SP-21						
		history (event, available, version,							
		SP-18, Evolution meeting #2	2003-01-03	0 . 0 . 0	Prior to SP-18: doc = EV020032		get it	remarks - general:	SP-21: On closure of Evolution group, confirmed that ownership stays with SA.
		revised to add missing text	2003-01-08	0 . 1 . 0			get it	remarks - this release:	SP-20: expect revised drafts 2003-06-20 & 2003-09-05. SP-21: approved as Rel-6 document.
		SP-19, Evolution meeting #3	2003-03-24	0 . 1 . 1	EV-030002		get it		
		draft	2003-04-07	0 . 2 . 0			get it		
		draft	2003-04-17	0 . 2 . 1	incorporating comments post SP-19		get it		
		SP-20, Evolution meeting #4	2003-06-02	0 . 2 . 2	EV-030042		get it		
		draft	2003-06-20	1 . 1 . 0			get it		
		draft	2003-06-20	1 . 1 . 1			get it		
		Evolution	2003-09-29	1 . 2 . 0	EV-030124		get it		
		workshop #5 prior to SP-21							
		Evolution	2003-09-29	1 . 3 . 0	EV-030136		get it		
		workshop #5 prior to SP-21							
		SP-21	2003-09-29	2 . 0 . 0	SP-030518		get it		
		SP-21	2003-09-26	6 . 0 . 0	Approved as Rel-6. PCG to decide whether SDOs are to publish prior to Rel-6 freeze.		get it		

TR	21.905	Vocabulary for 3GPP Specifications		WG (prime / other):	S1	/ -	rapporteur:	ZARRI, Michele	T-Mobile (UK) Ltd
Rel-6		current version:	6.6.0	G:	U: yes		MCC:	CLAYTON, Michael	
		freeze_meeting:	SP-22						
		history (event, available, version,							
		SP-17	2002-09-16	6 . 0 . 0			get it	remarks - general:	
		SP-18	2002-12-18	6 . 1 . 0			get it	remarks - this release:	.
		SP-19	2003-03-25	6 . 2 . 0			get it		
		SP-20	2003-06-18	6 . 3 . 0			get it		
		SP-21	2003-09-30	6 . 4 . 0			get it		
		SP-22	2004-01-06	6 . 5 . 0			get it		
		SP-23		6 . 6 . 0					

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

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

TS 22.011	Service accessibility								
Rel-6	current version: 6.3.0			WG (prime / other): S1 / -	rapporteur: IBIDUN, Kunle			ORANGE PCS LTD	
	freeze_meeting:			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-19 2003-03-25	6	.	0	.	0	get it	remarks - general: Transfer>TSG#4	
	SP-20 2003-06-18	6	.	1	.	0	get it	remarks - this release: .	
	SP-22 2004-01-06	6	.	2	.	0	get it		
	SP-23	6	.	3	.	0			
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-6	current version: 6.0.0			WG (prime / other): S1 / -	rapporteur: IGNATIUS, Jan			NOKIA Corporation	
	freeze_meeting:			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-23	6	.	0	.	0		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: 6.2.0			WG (prime / other): S1 / -	rapporteur: CARPENTER, Paul			Research In Motion Limited	
	freeze_meeting:			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-20 2003-06-18	6	.	0	.	0	get it	remarks - general: Transfer>TSG#4	
	SP-21 2003-09-30	6	.	1	.	0	get it	remarks - this release: .	
	SP-22 2004-01-06	6	.	2	.	0	get it		
TS 22.041	Operator Determined Call Barring								
Rel-6	current version: 6.2.0			WG (prime / other): S1 / -	rapporteur: WATSON, John			VODAFONE Group Plc	
	freeze_meeting:			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-20 2003-06-18	6	.	0	.	0	get it	remarks - general: Transfer>TSG#4	
	SP-21 2003-09-30	6	.	1	.	0	get it	remarks - this release: .	
	SP-23	6	.	2	.	0			

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

TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1						
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-19 2003-03-25 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
			<i>remarks - this release:</i> .				
<hr/>							
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1						
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-18 2002-12-18 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-20 2003-06-18 6 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1						
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-18 2002-12-18 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-20 2003-06-18 6 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 22.071	Location Services (LCS); Stage 1						
Rel-6	<i>current version:</i> 6.7.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)			
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-16 2002-07-04 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-17 2002-09-17 6 . 1 . 0	get it	<i>remarks - this release:</i> .				
	SP-18 2002-12-18 6 . 2 . 0	get it					
	SP-19 2003-03-25 6 . 3 . 0	get it					
	SP-20 2003-06-18 6 . 4 . 0	get it					
	SP-21 2003-09-30 6 . 5 . 0	get it					
	SP-22 2004-01-06 6 . 6 . 0	get it					
	SP-23 6 . 7 . 0						

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

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Server ACTIVE specs Rel-6 22 .- series
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TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
Rel-6	<i>current version:</i> 6.4.0	<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 2003-01-10 6 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-19 2003-03-25 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-21 2003-09-30 6 . 2 . 0	get it			
	SP-22 2004-01-06 6 . 3 . 0	get it			
	SP-23 6 . 4 . 0				
<hr/>					
TS 22.094	Follow Me service description - Stage 1				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-22 2004-01-06 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to		
			<i>remarks - this release:</i> . scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.		
<hr/>					
TS 22.101	Service aspects; Service principles				
Rel-6	<i>current version:</i> 6.7.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-16 2002-07-04 6 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-17 2002-09-17 6 . 1 . 0	get it	<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.		
	SP-18 2002-12-18 6 . 2 . 0	get it			
	SP-19 2003-03-25 6 . 3 . 0	get it			
	SP-20 2003-06-18 6 . 4 . 0	get it			
	SP-21 2003-09-30 6 . 5 . 0	get it			
	SP-22 2004-01-06 6 . 6 . 0	get it			
	SP-23 6 . 7 . 0				

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

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Server ACTIVE specs Rel-6 22 .- series
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TS 22.105	Services and service capabilities								
Rel-6	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	ZARRI, Michele	T-Mobile (UK) Ltd			
	freeze_meeting:	G:	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-17 2002-09-17	6 . 0 . 0		get it	remarks - general:				
	SP-19 2003-03-25	6 . 1 . 0		get it	remarks - this release: .				
	SP-20 2003-06-18	6 . 2 . 0		get it					
TS 22.115	Service Aspects Charging and billing								
Rel-6	current version: 6.4.0	WG (prime / other):	S1 / -	rapporteur:	SCARRONE, Enrico	TELECOM ITALIA S.p.A.			
	freeze_meeting:	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-19 2003-03-25	6 . 0 . 0		get it	remarks - general:				
	SP-20 2003-06-18	6 . 1 . 0		get it	remarks - this release: .				
	SP-21 2003-09-30	6 . 2 . 0		get it					
	SP-22 2004-01-06	6 . 3 . 0		get it					
	SP-23	6 . 4 . 0							
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1								
Rel-6	current version: 6.5.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG			
	freeze_meeting:	G:	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-16 2002-07-04	6 . 0 . 0		get it	remarks - general:				
	SP-17 2002-09-17	6 . 1 . 0		get it	remarks - this release: SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".				
	SP-18 2002-12-18	6 . 2 . 0		get it					
	SP-20 2003-06-18	6 . 3 . 0		get it					
	SP-22 2004-01-06	6 . 4 . 0		get it					
	SP-23	6 . 5 . 0							
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems								
Rel-6	current version: 6.1.0	WG (prime / other):	S1 / -	rapporteur:	SAMPSON, Nick	ORANGE SA			
	freeze_meeting:	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-19 2003-03-25	6 . 0 . 0		get it	remarks - general:				
	SP-22 2004-01-06	6 . 1 . 0		get it	remarks - this release: .				

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

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

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-6 current version: 6.5.0

freeze_meeting:

history (event, available, version,

SP-18	2002-12-20	6	.	0	.	0
SP-19	2003-03-25	6	.	1	.	0
SP-20	2003-06-18	6	.	2	.	0
SP-21	2003-09-30	6	.	3	.	0
SP-22	2004-01-06	6	.	4	.	0
SP-23		6	.	5	.	0

WG (prime / other): S1 / - rapporteur: MEYER, Juergen SIEMENS AG
G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general: (development in T2)
[get it](#) remarks - this release: .
[get it](#)
[get it](#)
[get it](#)

TS 22.141 Presence service; Stage 1

Rel-6 current version: 6.2.0

freeze_meeting:

history (event, available, version,

SP-16	2002-07-19	6	.	0	.	0
SP-17	2002-09-17	6	.	1	.	0
SP-19	2003-03-25	6	.	2	.	0

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

[get it](#) remarks - general:
[get it](#) remarks - this release: SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".
[get it](#)

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

Rel-6 current version: 6.4.0

freeze_meeting:

history (event, available, version,

SP-16	2002-07-04	6	.	0	.	0
SP-17	2002-09-17	6	.	1	.	0
SP-19	2003-03-25	6	.	2	.	0
SP-22	2004-01-06	6	.	3	.	0
SP-23		6	.	4	.	0

WG (prime / other): S1 / rapporteur: JARVIS, Andre 3
G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general: Replaces 22.946. Note that stage 2 is 23.246.
[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-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

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

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

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S1 / *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK
freeze_meeting: G: U: yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-17 2002-09-16 1 . 0 . 0 SP-020568 [get it](#) *remarks - general:* Cf work item 'Generic user profile'
SP-19 2 . 0 . 0 SP-030036 *remarks - this release:* SP-17: Expected for SP-18.
SP-19 2003-03-25 6 . 0 . 0 [get it](#)
SP-21 2003-09-30 6 . 1 . 0 [get it](#)
SP-22 2004-01-06 6 . 2 . 0 [get it](#)
SP-23 6 . 3 . 0

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,
draft ex Kobe 2003-07-29 0 . 0 . 0 [get it](#) *remarks - general:* SP-18: Stages 2 & 3 to be done by OMA.
SP-15 2002-03-19 1 . 0 . 0 SP-020061 [get it](#) *remarks - this release:* .
SP-16 2002-07-04 2 . 0 . 0 SP-020261 [get it](#)
SP-16 2002-07-04 6 . 0 . 0 [get it](#)
SP-17 2002-09-17 6 . 1 . 0 [get it](#)
SP-19 2003-03-25 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 Rel-6 22 .- series
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TS 22.243 Speech recognition framework for automated voice services; Stage 1

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.
freeze_meeting: G: yes U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
brought forwards 2002-01-02 1 . 0 . 0 [get it](#) *remarks - general:* WI UID = 31006
from Rel-5 *remarks - this release:* Delayed from Rel-5.

SP-15 2002-03-27 1 . 2 . 0 S1-020114 [get it](#)
SP-17 2002-09-19 2 . 0 . 0 SP-020572 [get it](#)
SP-17 2002-09-16 6 . 0 . 0 [get it](#)
SP-18 2002-12-18 6 . 1 . 0 [get it](#)
SP-19 2003-03-25 6 . 2 . 0 [get it](#)
SP-20 2003-06-18 6 . 3 . 0 [get it](#)
SP-21 2003-09-30 6 . 4 . 0 [get it](#)

TS 22.246 Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* CURCIO, Igor NOKIA Corporation
freeze_meeting: G: yes U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
draft 0 . 1 . 0 *remarks - general:* SP-20: WID = SP-030347.
S1-21 0 . 2 . 0 *remarks - this release:* .
SP-21 2003-09-29 1 . 0 . 0 SP-030511 [get it](#)
SP-22 2004-05-05 2 . 0 . 0 SP-030708 [get it](#)
SP-22 2004-01-06 6 . 0 . 0 [get it](#)
SP-23 6 . 1 . 0

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* LAATU, Juho NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
draft 2002-04-24 0 . 1 . 0 [get it](#) *remarks - general:*
SP-17 2002-09-16 1 . 0 . 0 SP-020566 [get it](#) *remarks - this release:* .
SP-18 2002-12-18 2 . 0 . 0 SP-020669 [get it](#)
SP-18 2002-12-18 6 . 0 . 0 [get it](#)

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

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

TS 22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> LAATU, Juho		NOKIA Corporation		
	<i>freeze_meeting:</i>		G:	U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-18 2002-12-18	2 . 0 . 0						2002-10-08: created from 22.940.	
	SP-18 2002-12-18	6 . 0 . 0						<i>remarks - this release:</i> .	
	SP-19 2003-03-25	6 . 1 . 0							
					get it				
					get it				
					get it				
<hr/>									
TR 22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> FRANK, Robert		TeliaSonera AB		
	<i>freeze_meeting:</i>		G:	U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	S1-18	0 . 0 . 5						<i>remarks - general:</i>	
	SP-18 2002-12-20	0 . 1 . 0						<i>remarks - this release:</i> SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply	
								cleaned up but technically incomplete.	
	SP-19 2003-03-24	1 . 0 . 0							
	SP-21 2003-09-29	2 . 0 . 0							
	SP-21 2003-09-30	6 . 0 . 0							
					get it				
					get it				
					get it				
<hr/>									
TR 22.857	Run-time independent framework feasibility study								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T2 /		<i>rapporteur:</i> WOODWARD, Ernest		INTEL CORPORATION SARL		
	<i>freeze_meeting:</i>		G: yes	U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-17 2002-08-30	1 . 0 . 0						<i>remarks - general:</i>	
	TP-18 2002-12-03	2 . 0 . 0						<i>remarks - this release:</i> .	
	TP-18 2002-12-20	6 . 0 . 0							
					get it				
					get it				
					get it				
<hr/>									
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> YOUNGE, Mark		T-Mobile USA Inc.		
	<i>freeze_meeting:</i> SP-18		G:	U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-15 2002-03-19	1 . 0 . 0						<i>remarks - general:</i>	
	SP-17 2002-09-19	2 . 0 . 0						<i>remarks - this release:</i> SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to	
								other specs.	
	SP-17 2002-09-16	6 . 0 . 0							
	SP-18 2002-12-18	6 . 1 . 0							
	SP-21 2003-09-30	6 . 2 . 0							
					get it				
					get it				
					get it				
<hr/>									

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TR 22.940 IP Multimedia Subsystem (IMS) messaging; Stage 1

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
draft 2002-03-26 0 . 0 . 0
draft 2002-07-19 0 . 1 . 0
unwithdrawn and approved!
SP-16 2002-07-19 0 . 2 . 0
SP-17 2002-09-16 1 . 0 . 0 SP-020567
SP-18 2002-12-18 2 . 0 . 0 SP-020670
SP-18 2002-12-18 6 . 0 . 0

WG (*prime / other*): S1 /
G: U: yes
rapporteur: LAATU, Juho NOKIA Corporation
MCC: CLAYTON, Michael

[get it](#) *remarks - general:* 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,
[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!

TR 22.949 Study on a generalized privacy capability

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
S1-20 2003-06-25 0 . 1 . 0 S1-030498
draft 2003-10-10 0 . 3 . 0 S1-030932
SP-22 2004-01-05 1 . 0 . 0 SP-030718
SP-23 2 . 0 . 0 SP-040099
SP-23 6 . 0 . 0

WG (*prime / other*): S1 / -
G: U: yes
rapporteur: BOOTE, Michael Lucent Technologies Network Systems UK
MCC: CLAYTON, Michael

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

TR 22.950 Priority service feasibility study

Rel-6 *current version:* 6.2.0
freeze_meeting:
history (event, available, version,
SP-15 2002-03-19 1 . 0 . 0 SP-020060
draft 1 . 1 . 0
SP-16 2002-07-04 2 . 0 . 0 SP-020260
SP-16 2002-07-04 6 . 0 . 0
SP-18 2002-12-18 6 . 1 . 0
SP-19 2003-03-25 6 . 2 . 0

WG (*prime / other*): S1 / -
G: yes U: yes
rapporteur: GARRAHAN, James Telcordia Technologies, Inc.
MCC: CLAYTON, Michael

[get it](#) *remarks - general:* Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR.
[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-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:
history (event, available, version,
 draft 0 . 0 . 0 S1-020342
 SP-17 2002-09-16 1 . 0 . 0 SP-020565
 SP-18 2002-12-18 2 . 0 . 0 SP-020668
 SP-18 2002-12-18 6 . 0 . 0
 SP-19 2003-03-25 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 22.952 Priority service guide

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
 S1-19 0 . 1 . 0
 S1-19 0 . 2 . 0
 draft 0 . 3 . 0
 draft 0 . 4 . 0
 S1-20 0 . 5 . 0
 S1-21 0 . 6 . 0
 SP-21 2003-09-29 1 . 0 . 0 SP-030470
 SP-22 2004-01-05 2 . 0 . 0 SP-030709
 SP-22 2004-01-09 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GARRAHAN, James Telcordia Technologies, Inc.
G: yes U: yes *MCC:* CLAYTON, Michael

remarks - general: Work item = PRIOR.
remarks - this release: SP-21: S2: "No stage 2 TS needed." Target is to approve at SP-22. SP-22: Concerns that the TR may have been drafted to meet US legislation only.

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

TR 22.977 Feasibility study for speech-enabled services

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

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

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

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

TS 23.002 Network architecture

Rel-6 current version: 6.4.0

freeze_meeting:

history (event, available, version,

SP-19 2003-03-27 6 . 0 . 0

correct cover 2003-03-31 6 . 0 . 1

sheet post SP-19

SP-20 2003-06-20 6 . 1 . 0

SP-21 2003-10-01 6 . 2 . 0

SP-22 2004-01-06 6 . 3 . 0

SP-23 6 . 4 . 0

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

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

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

[get it](#)

[get it](#)

[get it](#)

TS 23.003 Numbering, addressing and identification

Rel-6 current version: 6.2.0

freeze_meeting:

history (event, available, version,

NP-21 2003-10-09 6 . 0 . 0

NP-22 2004-01-12 6 . 1 . 0

NP-23 6 . 2 . 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: .

TS 23.007 Restoration procedures

Rel-6 current version: 6.0.0

freeze_meeting:

history (event, available, version,

NP-23 6 . 0 . 0

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

remarks - general:

remarks - this release: .

TS 23.008 Organisation of subscriber data

Rel-6 current version: 6.1.0

freeze_meeting:

history (event, available, version,

NP-22 2004-01-12 6 . 0 . 0

NP-23 6 . 1 . 0

WG (prime / other): N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

remarks - this release: .

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

TS 23.011 Technical realization of Supplementary Services

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
NP-19 2003-04-04 6 . 0 . 0

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

TS 23.012 Location management procedures

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
NP-23 6 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
remarks - general:
remarks - this release: .

TS 23.016 Subscriber data management; Stage 2

Rel-6 *current version:* 6.1.0
freeze_meeting:
history (event, available, version,
NP-19 2003-04-04 6 . 0 . 0
NP-23 6 . 1 . 0

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

TS 23.018 Basic Call Handling; Technical realization

Rel-6 *current version:* 6.2.0
freeze_meeting:
history (event, available, version,
NP-21 2003-10-09 6 . 0 . 0
NP-22 2004-01-12 6 . 1 . 0
NP-23 6 . 2 . 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:* .

TS 23.038 Alphabets and language-specific information

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
TP-21 2003-10-03 6 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm
[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 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-6 *current version:* 6.3.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-17 2002-09-18 6 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
post TP-17: adds 2002-09-24 6 . 0 . 1 [get it](#) *remarks - this release:* .
test vector file
TP-20 2003-06-26 6 . 1 . 0 [get it](#)
TP-21 2003-10-08 6 . 2 . 0 [get it](#)
TP-23 2003-10-08 6 . 3 . 0

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-17 2002-09-18 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-19 2003-03-25 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-22 2004-01-09 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-16 2002-06-28 6 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
TP-17 2002-09-18 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-21 2003-10-14 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-19 2003-03-27 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-20 2003-06-20 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-21 2003-10-01 6 . 2 . 0 [get it](#)
SP-22 2004-01-06 6 . 3 . 0 [get it](#)
SP-23 2004-01-06 6 . 4 . 0

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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 2003-04-04	6	.	0	.	0	
				get it	remarks - general:		
					remarks - this release:	.	
TS 23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2						
Rel-6	current version: 6.1.0	WG (prime / other):	N2 / -	rapporteur:	HOMANN, Christian	ALCATEL SEL AG	
	freeze_meeting:	G: yes	U: yes	MCC:	JURISIC, Andrijana		
history (event, available, version,	NP-22 2004-01-07	6	.	0	.	0	
	NP-23	6	.	1	.	0	
				get it	remarks - general:	CR at TSG#4,CR at TSG#5	
					remarks - this release:	.	
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2						
Rel-6	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting:	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo		
history (event, available, version,	NP-19 2003-04-04	6	.	0	.	0	
				get it	remarks - general:		
					remarks - this release:	.	
TS 23.094	Follow Me 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-22 2004-01-12	6	.	0	.	0	
				get it	remarks - general:	Transfer>TSG#4. GSM only @TSG#5	
					remarks - this release:	.	
TS 23.107	Quality of Service (QoS) concept and architecture						
Rel-6	current version: 6.1.0	WG (prime / other):	S2 / -	rapporteur:	GREIS, Marc	NOKIA Corporation	
	freeze_meeting:	G:	U: yes	MCC:	YOON, Sang-Ui		
history (event, available, version,	SP-22 2004-01-06	6	.	0	.	0	
	SP-23	6	.	1	.	0	
				get it	remarks - general:	was 23.907	
					remarks - this release:	SP-22: Rel-6 doc not to be created yet. CRs kept on ice.	

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

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TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode						
Rel-6	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	HIETALAHTI, Hannu	NOKIA Corporation	
	freeze_meeting:	G: yes	U: yes	MCC:	JORGENSEN, Per Johan		
history (event, available, version,	NP-23	6 . 0 . 0		remarks - general:	2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of		
				remarks - this release:	. R98 features.		
TS 23.125	Overall high level functionality and architecture impacts of flow based charging						
Rel-6	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	WILLIAMS, Brian	Telefon AB LM Ericsson	
	freeze_meeting:	G:	U: yes	MCC:	YOON, Sang-Ui		
history (event, available, version,	draft	0 . 0 . 1		remarks - general:	WI UID = 32030.		
	Moved text from 2004-02-05	0 . 1 . 0	get it	remarks - this release:	SP-23: to be completed by SP-24.		
	TR 23.825 v 1.4.0						
	S2-38	0 . 2 . 0			several drafts of this version distributed within S2		
	post S2-38 2004-02-27	0 . 2 . 1	get it				
	SP-23	2 . 0 . 0			SP-040050		
	SP-23	6 . 0 . 0					
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:	G:	U: yes	MCC:	YOON, Sang-Ui		
history (event, available, version,	SP-18 2003-01-10	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".		
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2						
Rel-6	current version: 6.5.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	INFINEON TECHNOLOGIES	
	freeze_meeting:	G: yes	U: yes	MCC:	RODERMUND, Friedhelm		
history (event, available, version,	TP-18 2002-12-20	6 . 0 . 0	get it	remarks - general:	2003-12-03: Note that this spec also contains stage 3.		
	TP-19 2003-03-31	6 . 1 . 0	get it	remarks - this release:	TP-22: Discussed whether this work would be transferred to OMA for future Releases (I.e. beyond Rel-6). But there are IPR problems.		
	TP-20 2003-06-26	6 . 2 . 0	get it				
	TP-21 2003-10-08	6 . 3 . 0	get it				
	TP-22 2004-01-12	6 . 4 . 0	get it				
	TP-23	6 . 5 . 0					

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TS 23.141	Presence service; Architecture and functional description; Stage 2						
Rel-6	current version: 6.5.0	WG (prime / other):	S2 /	rapporteur:	MAANSAARI, Kirsi	NOKIA KOREA	
	freeze_meeting:	G:	U: yes	MCC:	YOON, Sang-Ui		
	history (event, available, version,						
	draft 2002-06-17	0 . 0 . 0		get it	remarks - general:		
	SP-17 2002-10-04	1 . 0 . 0		get it	remarks - this release: .		
	SP-17 2002-10-07	6 . 0 . 0		get it			
					Many editorial corrections needed before fit for SDO publication.		
	SP-18 2003-01-10	6 . 1 . 0		get it			
	SP-19 2003-03-27	6 . 2 . 0		get it			
	SP-20 2003-06-20	6 . 3 . 0		get it			
	SP-21 2003-10-01	6 . 4 . 0		get it			
	SP-23	6 . 5 . 0					
TS 23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2						
Rel-6	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	freeze_meeting:	G:	U: yes	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	NP-23	6 . 0 . 0			remarks - general:		
					remarks - this release: .		
TS 23.174	Push service; stage 2						
Rel-6	current version: none	WG (prime / other):	S2 /	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc	
	freeze_meeting:	G:	U: yes	MCC:	YOON, Sang-Ui		
	history (event, available, version,						
					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 23.207	End-to-end Quality of Service (QoS) concept and architecture						
Rel-6	current version: 6.2.0	WG (prime / other):	S2 / -	rapporteur:	OYAMA, Johnson	Nippon Ericsson K.K.	
	freeze_meeting:	G: yes	U: yes	MCC:	YOON, Sang-Ui		
	history (event, available, version,						
	SP-21 2003-10-01	6 . 0 . 0		get it	remarks - general:		
	SP-22 2004-01-06	6 . 1 . 0		get it	remarks - this release: .		
	SP-22 2004-01-22	6 . 1 . 1		get it			
	SP-23	6 . 2 . 0					

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

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

TS 23.209 Policy control over Gq interface

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

WG (prime / other): S2 / N3 *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation
G: yes *U:* yes *MCC:* YOON, Sang-Ui

remarks - general: WI = IMS Phase 2 (UID 32021). 2004-02-20: responsibility N3 -> S2.
remarks - this release: .

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

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

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

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

NP-22 2004-01-06 6 . 0 . 0
NP-23 6 . 1 . 0

TS 23.221 Architectural requirements

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

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

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

SP-19 2003-03-27 6 . 0 . 0
SP-21 2003-10-01 6 . 1 . 0
SP-23 6 . 2 . 0

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-6 *current version:* 6.5.0
freeze_meeting:
history (event, available, version,

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

[get it](#) *remarks - general:*
remarks - this release: SP-21: Envisage modifications to cater for PoC feature.

SP-18 2003-01-07 6 . 0 . 0
edito post SP-18 2003-01-07 6 . 0 . 1 corrects Rel shown on front cover.
SP-19 2003-03-27 6 . 1 . 0
SP-20 2003-06-23 6 . 2 . 0
SP-21 2003-10-01 6 . 3 . 0
SP-22 6 . 4 . 0 never issued
SP-22 2004-01-06 6 . 4 . 1 corrects omitted CR
SP-23 6 . 5 . 0

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

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* T2 / *rapporteur:* BISCHINGER, Kurt T-Mobile AUSTRIA GmbH
freeze_meeting: G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

draft	2002-05-28	0 . 3 . 0		get it	<i>remarks - general:</i> Cf work item 'Generic user profile'
draft		0 . 3 . 1			<i>remarks - this release:</i> RP-15: Delayed from Rel-5.
draft		0 . 3 . 2			
draft		0 . 3 . 3			
draft		0 . 3 . 4			
draft		0 . 3 . 5			
draft		0 . 4 . 0			
draft		0 . 4 . 1			
draft		0 . 4 . 2			
draft	2003-09-12	0 . 4 . 3		get it	
TP-22	2004-01-05	1 . 0 . 0	TP-030271	get it	
draft		1 . 0 . 1	T2-040021		
TP-23 ex T2-24		2 . 0 . 0	T2-040109 -> TP-040051		
TP-23		6 . 0 . 0			

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

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

TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description					
Rel-6	current version: 6.2.0	WG (prime / other): S2 /	rapporteur: JARVIS, Andre	3		
	freeze_meeting:	G: U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,					
	draft	0 . 0 . 0			remarks - general:	Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in
	S2-27 2002-11-14	0 . 1 . 0	get it		remarks - this release:	SP-15: from Rel-5.
	S2-28	0 . 2 . 0				
add TS number	2002-12-18	0 . 2 . 1	get it			
	S2-29 2003-02-24	0 . 3 . 0	get it			
	S2-30	0 . 4 . 0				SP-19: was to have been SP-030128 but never presented (withdrawn unseen from mtg)
	S2-31 2003-04-29	0 . 5 . 0	get it			
	S2-32	0 . 6 . 0				
	SP-20 2003-06-17	1 . 0 . 0	get it			SP-030312
	S2-33 2003-07-17	1 . 1 . 0	get it			
	S2-34	1 . 2 . 0				
editorial		1 . 2 . 1				
	SP-21 2003-09-29	2 . 0 . 0	get it			SP-030390
	SP-21 2003-10-08	6 . 0 . 0	get it			
	SP-22 2004-01-06	6 . 1 . 0	get it			
	SP-23	6 . 2 . 0				

TS 23.251	Network sharing; Architecture and functional description					
Rel-6	current version: none	WG (prime / other): S2 /	rapporteur: NILSSON, Ulf	TeliaSonera AB		
	freeze_meeting:	G: U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,					
					remarks - general:	WI UID = 32044
					remarks - this release:	.

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

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

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

Rel-6 *current version:* 6.7.0 *freeze_meeting:* WG (prime / other): S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
G: yes U: yes *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-16 2002-06-18 6 . 0 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
SP-17 2002-10-02 6 . 1 . 0 [get it](#) *remarks - this release:* Continues 23.871
SP-18 2003-01-09 6 . 2 . 0 [get it](#)
SP-19 2003-03-27 6 . 3 . 0 [get it](#)
SP-20 2003-06-23 6 . 4 . 0 [get it](#)
SP-21 2003-10-02 6 . 5 . 0 [get it](#)
SP-22 2004-01-06 6 . 6 . 0 [get it](#)
SP-23 6 . 7 . 0

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

Rel-6 *current version:* 1.0.0 DRAFT WG (prime / other): S2 / - *rapporteur:* DAMIDAUX, Jean-louis ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version,
S2-30 0 . 0 . 0 *remarks - general:* WID contained in S2-022472. See also
S2-31 2003-04-14 0 . 0 . 1 S2-031153 [get it](#) *remarks - this release:* . http://www.esa.int/export/esaSA/GGGMX650NDC_navigation_0.html.
S2-31 0 . 0 . 2
S2-31 0 . 1 . 0
S2-31 0 . 2 . 0
SP-20 2003-05-28 1 . 0 . 0 SP-030311 [get it](#)

TR 23.841 Presence service architecture

Rel-6 *current version:* 6.0.0 WG (prime / other): S2 / *rapporteur:* MAANSAARI, Kirsi NOKIA KOREA
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-16 2002-07-22 2 . 0 . 0 SP-020319 [get it](#) *remarks - general:*
SP-16 2002-07-25 6 . 0 . 0 [get it](#) *remarks - this release:* TP-16: clear that service is Rel-6.

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

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

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

Rel-6 current version: 6.1.0

freeze_meeting:

history (event, available, version,

draft 2002-04-12 0 . 3 . 0

S2-24 0 . 4 . 0

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

draft 2002-05-28 0 . 5 . 1

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

draft 2002-07-19 1 . 1 . 0

draft 2002-07-22 1 . 1 . 1

draft 2002-09-16 1 . 2 . 0

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

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

SP-18 2003-01-13 6 . 1 . 0

WG (prime / other): S2 / rapporteur: JARVIS, Andre 3

G: U: yes MCC: YOON, Sang-Ui

[get it](#)

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

TS 23.851 Network sharing; Architecture and functional description

Rel-6 current version: 6.0.0

freeze_meeting:

history (event, available, version,

draft 0 . 0 . 0

draft 0 . 1 . 0

S2-32 2003-05-02 0 . 2 . 0 S2-031973

S2-33 2003-08-19 0 . 4 . 0

S2-33 2003-08-19 0 . 4 . 1

draft 2003-08-29 0 . 5 . 0

SP-21 2003-09-29 1 . 0 . 0 SP-030388

draft 2003-11-17 1 . 1 . 0

S2-36 1 . 2 . 0

S2-38 2004-03-03 1 . 3 . 0

SP-23 2 . 0 . 0 SP-040051

SP-23 6 . 0 . 0

WG (prime / other): S2 / rapporteur: NILSSON, Ulf TeliaSonera AB

G: yes U: yes MCC: YOON, Sang-Ui

remarks - general: WI UID = 32044

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

TR 23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks								
Rel-6	current version: 0.6.0		DRAFT	WG (prime / other): S2 / -	rapporteur: BERTENYI, Balazs				NOKIA Corporation
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	S2-29	2003-02-03	0 . 3 . 1	2003-02-03: Renumbered to 23.864.	get it	remarks - general:	Was briefly 23.964.		
	draft	2003-02-24	0 . 4 . 0		get it	remarks - this release:	.		
	draft	2003-02-24	0 . 4 . 1		get it				
	draft	2003-03-24	0 . 5 . 0		get it				
	S2-31	2003-04-22	0 . 6 . 0	inc S2-031533	get it				
TR 23.867	Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions								
Rel-6	current version: 0.6.0		DRAFT	WG (prime / other): S2 / -	rapporteur: POIKSELKA, Miikka				NOKIA Corporation
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	post S2-30	2003-04-02	0 . 0 . 0	based on S2-030911rev7 and S2-030551.	get it	remarks - general:	2003-04-02 Rapporteur: Intention is to transfer this material into 23.002, 23.060		
	draft	2003-04-17	0 . 1 . 0		get it	remarks - this release:	. and 23.228.		
	post S2-32	2003-06-17	0 . 2 . 0		get it				
	post S2-33	2003-07-15	0 . 3 . 0		get it				
	S2-34	2003-09-04	0 . 4 . 0		get it				
	S2-35		0 . 5 . 0						
	S2-36	2004-01-03	0 . 6 . 0		get it				
TR 23.877	Architectural aspects of speech-enabled services								
Rel-6	current version: 6.0.0			WG (prime / other): S2 / -	rapporteur: XUAN, Qing				VODAFONE Group Plc
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	S2-34	2003-08-21	0 . 0 . 0	S2-033088	get it	remarks - general:	WID = SP-030305.		
	S2-35	2003-11-03	0 . 0 . 1	S2-033558	get it	remarks - this release:	.		
	SP-22	2004-01-05	1 . 0 . 0	SP-030663	get it				
	draft	2004-01-21	1 . 1 . 0		get it				
	S2-38		1 . 2 . 0						
	SP-23		2 . 0 . 0	SP-040047					
	SP-23		6 . 0 . 0	G2 & S4 will use results to see if any improvements are required in their					

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

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

TR 23.881	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations					
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S2 /	rapporteur: MILINSKI, Alexander	SIEMENS AG	
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	draft 2003-10-14	0 . 0 . 0		remarks - general: SP-21: WI = SP-030385		
	S2-35 2003-11-03	0 . 1 . 0	get it	remarks - this release: .		
	S2-36 2004-01-03	0 . 2 . 0	get it			
	S2-37 2004-01-26	0 . 3 . 0	get it			
	S2-38	0 . 4 . 0				
	SP-23	1 . 0 . 0	SP-040048			

TR 23.895	Provision of UE specific behaviour information to network entities					
Rel-6	current version: 6.2.0		WG (prime / other): S2 /	rapporteur: PUDNEY, Chris	VODAFONE Group Plc	
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	draft	0 . 4 . 0		remarks - general:		
	SP-18 2003-01-10	1 . 0 . 0	SP-020797 for approval	remarks - this release: .		
	SP-18 2003-01-13	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.			
	SP-19 2003-03-27	6 . 1 . 0		get it		
	SP-20 2003-06-20	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 Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS)							
Rel-6	current version: 1.2.0	DRAFT	WG (prime / other):	S2 / -	rapporteur:	MOUSSET, Claire	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:		G: yes U: yes		MCC:	YOON, Sang-Ui		
	history (event, available, version,							
	draft 2002-08-07	0 . 0 . 0		get it	remarks - general:	Work Item: SP-020140		
	draft 2002-09-24	0 . 1 . 0		get it	remarks - this release:	SP-23: likely to be abandoned.		
	draft 2002-09-24	0 . 2 . 0		get it				
	draft 2002-11-14	0 . 3 . 0		get it				
	draft 2002-11-14	0 . 3 . 1		get it				
	S2-28 2002-12-16	0 . 4 . 0		get it				
	draft 2002-12-16	0 . 4 . 1		get it				
	S2-29 2003-02-13	0 . 5 . 0		get it				
	S2-29 2003-02-13	0 . 5 . 1		get it				
	S2-30 2003-04-29	0 . 6 . 0		get it				
	S2-31 2003-04-22	0 . 7 . 0	includes S2-031354, S2-031534, S2-031598	get it				
	S2-33 2003-07-24	0 . 9 . 0		get it				
	S2-34 2003-09-02	0 . 10 . 0		get it				
	SP-21 2003-09-11	1 . 0 . 0	SP-030386	get it				
	S2-35 2003-11-12	1 . 1 . 0		get it				
	draft 2003-11-17	1 . 1 . 1		get it				
	S2-37 2004-01-22	1 . 2 . 0		get it				

TR 23.934	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition							
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other):	S2 / -	rapporteur:	PAINT, Frédéric	Telenor AS	
	freeze_meeting:		G: U: yes		MCC:	YOON, Sang-Ui		
	history (event, available, version,							
	S2-24 2002-05-07	0 . 1 . 0		get it	remarks - general:			
	SP-17 2002-09-24	1 . 0 . 0	SP-020536	get it	remarks - this release:	2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.		

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

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

TR 23.976	Push architecture								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ALFANO, Nicholas		Research In Motion Limited		
	<i>freeze_meeting:</i>			<i>G:</i> 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: 23.876 -> 23.976			
	S2-29 2003-02-03	0 . 0 . 1		get it		<i>remarks - this release:</i> .			
	draft 2003-02-24	0 . 1 . 0		get it					
	draft 2003-03-24	0 . 2 . 0		get it					
	S2-31 2003-05-05	0 . 3 . 0		get it					
	S2-32 2003-05-27	0 . 4 . 0		get it					
	S2-33 2003-07-30	0 . 5 . 0		get it					
	S2-34	0 . 6 . 0							
	SP-21 2003-09-29	1 . 0 . 0	SP-030387	get it					
	S2-35	1 . 1 . 0							
	S2-36 2004-01-03	1 . 2 . 0		get it					
	S2-37 2004-01-20	1 . 3 . 0		get it					
	SP-23	2 . 0 . 0	SP-040046						
	SP-23	6 . 0 . 0	known outstanding issue						

TR 23.977	Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks								
Rel-6	<i>current version:</i> 1.2.0		DRAFT	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> SEISER, Franz		T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	S2-33	0 . 0 . 0				<i>remarks - general:</i> Work Item: Bandwidth and Resource savings and Speech enhancements for CS			
	S2-33 2003-07-30	0 . 1 . 0	Bears wrong number on cover sheet.	get it		<i>remarks - this release:</i> SP-23: anticipate v2.0.0 at SP-24.	networks (S2-032137)		
	draft 2003-07-30	0 . 1 . 1	Corrects number on cover page!	get it					
	S2-34 2003-09-26	0 . 2 . 0		get it					
	S2-35 2003-11-12	0 . 3 . 0	S2-033741	get it					
	SP-22 2004-01-05	1 . 0 . 0	SP-030713	get it					
	S2-37 2004-01-21	1 . 1 . 0		get it					
	S2-38 2004-02-26	1 . 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-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.979 3GPP enablers for Push-to-talk over Cellular (PoC) services; Stage 2

Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* SULTANA, Shabnam Telefon AB LM Ericsson
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 2003-10-20 0 . 0 . 0 [get it](#) *remarks - general:* SP-21: WI = SP-030540
post S2-35 0 . 1 . 0 *remarks - this release:* SP-23: will be stabilized 3 months after OMA PoC AD work completed.
S2-36 2004-01-03 0 . 2 . 0 [get it](#)
S2-38 2004-03-03 0 . 3 . 0 [get it](#)

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

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

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-22 2004-01-08 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
remarks - this release: .

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

Rel-6 *current version:* 6.4.0 *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 2003-03-24 6 . 0 . 0 [get it](#) *remarks - general:*
NP-20 2003-07-04 6 . 1 . 0 [get it](#) *remarks - this release:* .
NP-21 2003-10-09 6 . 2 . 0 [get it](#)
NP-22 2004-01-12 6 . 3 . 0 [get it](#)
NP-23 6 . 4 . 0

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-21 2003-10-10 6 . 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-6 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-6	current version: 6.1.0		WG (prime / other): N4 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)				
	freeze_meeting:		G: yes U: yes	MCC: KYMALAINEN, Kimmo					
history (event, available, version,									
	NP-22 2004-01-12	6 . 0 . 0					remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.		
	NP-23	6 . 1 . 0					remarks - this release: .		
			get it						
<hr/>									
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding								
Rel-6	current version: 6.1.0		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-22 2004-01-12	6 . 0 . 0					remarks - general:		
	NP-23	6 . 1 . 0					remarks - this release: .		
			get it						
<hr/>									
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 2003-04-04	6 . 0 . 0					remarks - general:		
							remarks - this release: .		
			get it						
<hr/>									
TS 24.109	Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details								
Rel-6	current version: none		WG (prime / other): N1 /	rapporteur: BAJKO, Gabor	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: JORGENSEN, Per Johan					
history (event, available, version,									
							remarks - general: WI UID = 14504		
							remarks - this release: .		
<hr/>									
TS 24.141	Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3								
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other): N1 /	rapporteur: DRAGE, Keith	Lucent Technologies Network Systems UK				
	freeze_meeting:		G: yes U: yes	MCC: JORGENSEN, Per Johan					
history (event, available, version,									
	draft	0 . 0 . 1					remarks - general: WI = PRSNC (UID 2499)		
	draft	0 . 0 . 2					remarks - this release: .		
	N1-31	0 . 0 . 3							
	N1-31 2003-09-11	0 . 1 . 0							
	N1-32 2003-11-12	0 . 2 . 0							
			get it						
			get it						

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

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

TS 24.147 Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-E
draft 0 . 0 . 2 *remarks - this release:* .
draft 2003-06-30 0 . 0 . 3 [get it](#)
draft 2003-06-30 0 . 0 . 4 technically identical to v003 but has the [get it](#)
number on the front cover
draft 2003-07-10 0 . 0 . 5 [get it](#)
draft 2003-09-12 0 . 1 . 0 [get it](#)

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

Rel-6 *current version:* 6.2.0 DRAFT *WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-21 2003-09-29 6 . 0 . 0 [get it](#) *remarks - general:* NP-14: confirmed that this is appropriate for GSM as well as UMTS.
NP-22 2004-01-19 6 . 1 . 0 [get it](#) *remarks - this release:* .
NP-23 6 . 2 . 0

TS 24.234 3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3

Rel-6 *current version:* 1.2.0 DRAFT *WG (prime / other):* N1 / - *rapporteur:* CARRIÓN, Inmaculada NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
N1-31 0 . 0 . 1 *remarks - general:*
N1-31 2003-09-29 0 . 1 . 0 [get it](#) *remarks - this release:* .
N1-32 2003-11-12 0 . 2 . 0 [get it](#)
NP-22 2004-01-05 1 . 0 . 0 NP-030491 [get it](#)
N1-32b 2004-02-02 1 . 1 . 0 [get it](#)
N1-33 2004-02-26 1 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 0.5.0 DRAFT *WG (prime / other):* T2 / *rapporteur:* SOOD, Prem SHARP Corporation
freeze_meeting: *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
draft 2002-05-28 0 . 3 . 0 [get it](#) *remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 27.241
draft 2003-09-12 0 . 4 . 3 [get it](#) *remarks - this release:* 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.
draft 2003-11-03 0 . 5 . 0 T2-030570 [get it](#)

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

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

Rel-6 *current version:* 0.4.1 DRAFT *WG (prime / other):* N1 / *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
draft 2003-08-19 0 . 0 . 0 [get it](#) *remarks - general:* 2003-06: WID is NP-030286 = IMS-CCR-E
draft 2003-10-10 0 . 1 . 0 [get it](#) *remarks - this release:* .
draft 2003-12-04 0 . 2 . 0 [get it](#)
draft 2004-01-03 0 . 2 . 1 [get it](#)
N1-32b 2004-02-02 0 . 3 . 0 [get it](#)
post N1-32b 2004-02-04 0 . 3 . 1 Includes N1-040200. [get it](#)
N1-33 2004-02-23 0 . 4 . 0 [get it](#)
post N1-33 2004-02-26 0 . 4 . 1 [get it](#)

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

Rel-6 *current version:* 1.4.1 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
N1-25 0 . 0 . 1 *remarks - this release:* .
N1-26 2002-09-17 0 . 1 . 0 [get it](#)
N1-26 2002-10-03 0 . 2 . 0 [get it](#)
N1-26bis 2002-11-14 0 . 3 . 0 [get it](#)
N1-27 2003-01-17 0 . 4 . 0 N1-030010 [get it](#)
N1-28 2003-03-04 0 . 5 . 0 [get it](#)
N1-29 2003-05-06 0 . 6 . 0 [get it](#)
NP-20 2003-06-02 1 . 0 . 0 NP-030303 [get it](#)
draft 2003-09-26 1 . 1 . 0 [get it](#)
draft 2003-09-29 1 . 1 . 1 [get it](#)
post N1-31 2003-10-08 1 . 1 . 2 [get it](#)
N1-32 1 . 2 . 0
N1-32b 2004-02-02 1 . 3 . 0 [get it](#)
N1-33 2004-02-26 1 . 4 . 0 [get it](#)
post N1-33 2004-03-03 1 . 4 . 1 [get it](#)

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

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

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

Rel-6 current version: 6.4.0 WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, RP-19 2003-04-04 6 . 0 . 0 RP-16 agreed not to implement the CR [get it](#) remarks - general:
creating this Release. remarks - this release: RP-16 agreed not to implement the CR creating this Release.

RP-20 2003-06-27 6 . 1 . 0 [get it](#)
RP-21 2003-09-29 6 . 2 . 0 [get it](#)
RP-22 2004-01-23 6 . 3 . 0 [get it](#)
RP-23 6 . 4 . 0

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

Rel-6 current version: 6.0.0 WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG
freeze_meeting: G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, RP-22 2004-01-20 6 . 0 . 0 [get it](#) remarks - general:
remarks - this release: .

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

Rel-6 current version: 6.5.0 WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson
freeze_meeting: G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, RP-18 2003-01-10 6 . 0 . 0 Early ETSI publication because [get it](#) remarks - general:
referenced in SCP publications. remarks - this release: .

RP-19 2003-04-04 6 . 1 . 0 [get it](#)
RP-20 2003-06-27 6 . 2 . 0 [get it](#)
RP-21 2003-09-29 6 . 3 . 0 [get it](#)
RP-22 2004-01-23 6 . 4 . 0 [get it](#)
RP-23 6 . 5 . 0

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

Rel-6 current version: 6.0.0 WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG
freeze_meeting: G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, RP-22 2004-01-20 6 . 0 . 0 Required for update of ITU-R M.1457 [get it](#) remarks - general:
remarks - this release: created for M.1457 update

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

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Server ACTIVE specs Rel-6 25 .- series
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TS 25.106	UTRA repeater radio transmission and reception										
Rel-6	current version: 6.0.0										
	freeze_meeting:										
	history (event, available, version,										
	RP-22 2004-01-20	6 . 0 . 0	Required for update of ITU-R M.1457	get it	WG (prime / other): R4 / -	rapporteur: NILSSON, Martin	Indicate persons who left Company and wait for new One	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar	remarks - general:	remarks - this release: created for M.1457 update
<hr/>											
TS 25.113	Base station and repeater electromagnetic compatibility (EMC)										
Rel-6	current version: 6.0.0										
	freeze_meeting:										
	history (event, available, version,										
	RP-22 2004-01-23	6 . 0 . 0	Required for update of ITU-R M.1457	get it	WG (prime / other): R4 / -	rapporteur: BARNES, David	DTI - Department of Trade and Industry	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar	remarks - general:	remarks - this release: created for M.1457 update
<hr/>											
TS 25.123	Requirements for support of radio resource management (TDD)										
Rel-6	current version: 6.1.0										
	freeze_meeting:										
	history (event, available, version,										
	RP-22 2004-01-23	6 . 0 . 0		get it	WG (prime / other): R4 / -	rapporteur: GUERRINI, Claudio	TELECOM ITALIA S.p.A.	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar	remarks - general:	remarks - this release: .
	RP-23	6 . 1 . 0									
<hr/>											
TS 25.133	Requirements for support of radio resource management (FDD)										
Rel-6	current version: 6.5.0										
	freeze_meeting:										
	history (event, available, version,										
	RP-18 2003-01-10	6 . 0 . 0		get it	WG (prime / other): R4 / -	rapporteur: GUERRINI, Claudio	TELECOM ITALIA S.p.A.	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar	remarks - general:	remarks - this release: .
	RP-19 2003-04-04	6 . 1 . 0		get it							
	RP-20 2003-07-01	6 . 2 . 0		get it							
	RP-21 2003-10-10	6 . 3 . 0		get it							
	RP-22 2004-01-23	6 . 4 . 0		get it							
	RP-23	6 . 5 . 0									

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Server ACTIVE specs Rel-6 25 .- series
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TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> PARKVALL, Stefan	Ericsson AB				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-22 2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	get it		<i>remarks - general:</i>			
						<i>remarks - this release:</i>	created for M.1457 update		
TS 25.212	Multiplexing and channel coding (FDD)								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MICHEL, Jürgen	SIEMENS AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-22 2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	get it		<i>remarks - general:</i>			
	RP-23	6 . 1 . 0				<i>remarks - this release:</i>	created for M.1457 update		
TS 25.213	Spreading and modulation (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILLENEGGER, Serge	QUALCOMM EUROPE S.A.R.L.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-22 2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	get it		<i>remarks - general:</i>			
						<i>remarks - this release:</i>	created for M.1457 update		
TS 25.214	Physical layer procedures (FDD)								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-22 2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	get it		<i>remarks - general:</i>			
	RP-23	6 . 1 . 0				<i>remarks - this release:</i>	created for M.1457 update		
TS 25.215	Physical layer; Measurements (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> SUZUKI, Hidetoshi	Panasonic Mobile Communications Co.,Ltd.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-22 2004-01-14	6 . 0 . 0	Minor problems implementing CRs. See	get it		<i>remarks - general:</i>			
			readme file.			<i>remarks - this release:</i>	.		

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TS 25.301	Radio Interface Protocol Architecture									
Rel-6	current version: 6.0.0			WG (prime / other): R2 / -	rapporteur: GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH				
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,	RP-22 2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:					
					remarks - this release:	created for M.1457 update				
TS 25.302	Services provided by the physical layer									
Rel-6	current version: 6.1.0			WG (prime / other): R2 / -	rapporteur: MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)				
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,	RP-22 2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:	V3.0.0 approved via e-mail July 99 CR at TSG#5?				
	RP-23	6 . 1 . 0			remarks - this release:	created for M.1457 update				
TS 25.303	Interlayer procedures in Connected Mode									
Rel-6	current version: 6.0.0			WG (prime / other): R2 / -	rapporteur: RINNE, Mikko J	Nokia Research Center				
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,	RP-22 2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:					
					remarks - this release:	created for M.1457 update				
TS 25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode									
Rel-6	current version: 6.1.0			WG (prime / other): R2 / -	rapporteur: MAHKONEN, Marko	NOKIA Corporation				
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,	RP-22 2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:					
	RP-23	6 . 1 . 0			remarks - this release:	created for M.1457 update				
TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2									
Rel-6	current version: 6.0.0			WG (prime / other): R2 / -	rapporteur: MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)				
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,	RP-22 2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:	Created from 25.923				
					remarks - this release:	created for M.1457 update				

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Server ACTIVE specs Rel-6 25 .- series
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TS 25.323	Packet Data Convergence Protocol (PDCP) specification									
Rel-6	current version: 6.0.0			WG (prime / other): R2 / -	rapporteur: HANS, Martin				INFINEON TECHNOLOGIES	
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,										
RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:					remarks - this release: created for M.1457 update
<hr/>										
TS 25.324	Broadcast/Multicast Control (BMC)									
Rel-6	current version: 6.0.0			WG (prime / other): R2 / -	rapporteur: HARTL, Mike				Vodafone D2 GmbH	
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,										
RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:					remarks - this release: created for M.1457 update
<hr/>										
TS 25.331	Radio Resource Control (RRC) protocol specification									
Rel-6	current version: 6.1.0			WG (prime / other): R2 / -	rapporteur: KUCHIBHOTLA, Ravi				MOTOROLA Ltd	
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude					
history (event, available, version,										
RP-22	2004-01-12	6 . 0 . 0		get it	remarks - general:					remarks - this release: Created by CR at RP-21, but will not be created until more substantive CRs are required. (Saves on maintenance work.)
RP-21		6 . 0 . 0	RP-21: Will not be produced till more substantive CRs are approved or until Release is frozen.							
edito post RP-22	2004-01-20	6 . 0 . 1	Some figures are not visible in these 2 documents. See figure 8.3.1-5 and 8.3.1-6, figures 8.3.1-8 to 8.3.1-10. There is an error message => Error! Objects cannot be created from editing field codes.	get it						
RP-23		6 . 1 . 0								

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

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

Rel-6	<i>current version:</i> 6.0.0				<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> PIRSKANEN, Juho	NOKIA Corporation
	<i>freeze_meeting:</i>				<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
	<i>history (event, available, version,</i>						
	R2-31	0 . 0 . 1	R2-021846				<i>remarks - general:</i>
	R2-32	0 . 1 . 0	R2-020590				<i>remarks - this release:</i> .
R2 / R3 MBMS ad hoc	2002-10-14	1 . 1 . 0	R2-030006				get it
	draft 2003-01-23	1 . 2 . 0					get it
	draft 2003-02-03	1 . 3 . 0					get it
	R2-34	1 . 4 . 0	R2-030122				
	R2-35	1 . 5 . 0	R2-030707				
R2 / R3 MBMS ad hoc	2003-05-21	1 . 6 . 0	R2-030882				get it
	RP-20 2003-06-02	2 . 0 . 0	RP-030309 - not approved				get it
	draft	2 . 0 . 1	mods based on v2.0.0 so this version not uploaded (invalid) because v2.1.0 already available				
	R2-37 2003-08-19	2 . 1 . 0	cleaned up draft from MCC				get it
	R2-38 2003-11-03	2 . 3 . 0					get it
	R2-39 2003-12-05	2 . 4 . 0	RP-030653; various early draft versions of v2.4.0 were circulated on				get it
	R2-40 2004-01-30	2 . 5 . 0	Several drafts bearing this version number were distributed. Only the first was kept.				get it
	RP-23 2004-03-03	2 . 6 . 0	(ex R3-41 - yes, really) RP-040079				get it
	RP-23	6 . 0 . 0					

TS 25.401 UTRAN overall description

Rel-6	<i>current version:</i> 6.2.0				<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> GODIN, Philippe	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>				<i>G:</i>	<i>MCC:</i> CALDENHOVEN, Juergen	
	<i>history (event, available, version,</i>						
	RP-19 2003-03-26	6 . 0 . 0					<i>remarks - general:</i> Approval at TSG#5
	RP-20 2003-06-17	6 . 1 . 0					<i>remarks - this release:</i> .
	RP-22 2004-01-13	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 Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.422 UTRAN lur interface signalling transport

Rel-6 *current version:* 6.0.0

freeze_meeting:

history (event, available, version,

RP-22 2004-01-13 6 . 0 . 0

Required for update of ITU-R M.1457

[get it](#)

remarks - general:

remarks - this release: created for M.1457 update

WG (prime / other): R3 / -

G: *U:* yes

rapporteur: PALAT, Sudeep

Lucent Technologies Network Systems UK

MCC: CALDENHOVEN, Juergen

TS 25.423 UTRAN lur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version,

RP-22 2004-01-22 6 . 0 . 0

RP-23 6 . 1 . 0

[get it](#)

remarks - general:

remarks - this release: .

WG (prime / other): R3 / -

G: *U:* yes

rapporteur: ERICSSON, Ingela

Telefon AB LM Ericsson

MCC: CALDENHOVEN, Juergen

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

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version,

RP-22 2004-01-13 6 . 0 . 0

RP-23 6 . 1 . 0

Required for update of ITU-R M.1457

[get it](#)

remarks - general:

remarks - this release: created for M.1457 update

WG (prime / other): R3 / -

G: *U:* yes

rapporteur: DREVON, Nicolas

ALCATEL S.A.

MCC: CALDENHOVEN, Juergen

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

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version,

RP-22 2004-01-13 6 . 0 . 0

RP-23 6 . 1 . 0

[get it](#)

remarks - general:

remarks - this release: .

WG (prime / other): R3 / -

G: *U:* yes

rapporteur: DREVON, Nicolas

ALCATEL S.A.

MCC: CALDENHOVEN, Juergen

TS 25.426 UTRAN lur and lub interface data transport & transport signalling for DCH data streams

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version,

RP-22 2004-01-13 6 . 0 . 0

RP-23 6 . 1 . 0

Required for update of ITU-R M.1457

[get it](#)

remarks - general:

remarks - this release: created for M.1457 update

WG (prime / other): R3 / -

G: *U:* yes

rapporteur: KEEKI, Sami

NOKIA Corporation

MCC: CALDENHOVEN, Juergen

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

TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams								
Rel-6	current version: 6.0.0	WG (prime / other):	R3 / -	rapporteur:	HAKULI, Tuomas	NOKIA Corporation			
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen				
	history (event, available, version,								
	RP-22 2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:				
					remarks - this release:	created for M.1457 update			
TS 25.430	UTRAN Iub Interface: General Aspects and Principles								
Rel-6	current version: 6.0.0	WG (prime / other):	R3 / -	rapporteur:	KOIZUMI, Yoshiko	Fujitsu Limited			
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen				
	history (event, available, version,								
	RP-22 2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:				
					remarks - this release:	created for M.1457 update			
TS 25.431	UTRAN Iub interface Layer 1								
Rel-6	current version: 6.0.0	WG (prime / other):	R3 / -	rapporteur:	KUNZ, Walter	SIEMENS AG			
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen				
	history (event, available, version,								
	RP-22 2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:				
					remarks - this release:	created for M.1457 update			
TS 25.432	UTRAN Iub interface: signalling transport								
Rel-6	current version: 6.0.0	WG (prime / other):	R3 / -	rapporteur:	KOIZUMI, Yoshiko	Fujitsu Limited			
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen				
	history (event, available, version,								
	RP-22 2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:				
					remarks - this release:	created for M.1457 update			
TS 25.433	UTRAN Iub interface NBAP signalling								
Rel-6	current version: 6.1.0	WG (prime / other):	R3 / -	rapporteur:	SEHEDIC, Yann	NORTEL NETWORKS (EUROPE)			
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen				
	history (event, available, version,								
	RP-22 2004-01-22	6 . 0 . 0		get it	remarks - general:				
	RP-23	6 . 1 . 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-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.434	UTRAN lub interface data transport & transport signalling for CCH data streams										
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> LAVASANI, Shahab	TeliaSonera AB					
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen						
	<i>history (event, available, version,</i>										
	RP-22 2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>						
	RP-23	6 . 1 . 0			<i>remarks - this release:</i> created for M.1457 update						
<hr/>											
TS 25.435	UTRAN lub interface user plane protocols for CCH data streams										
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> STOJANOVSKI, Saso	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen						
	<i>history (event, available, version,</i>										
	RP-22 2004-01-13	6 . 0 . 0		get it	<i>remarks - general:</i>						
	RP-23	6 . 1 . 0			<i>remarks - this release:</i> .						
<hr/>											
TS 25.442	UTRAN implementation-specific O&M transport										
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> HAUSER, Alexander	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen						
	<i>history (event, available, version,</i>										
	RP-22 2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>						
					<i>remarks - this release:</i> created for M.1457 update						
<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> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.					
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen						
	<i>history (event, available, version,</i>										
	RP-19 2003-03-26	6 . 0 . 0		get it	<i>remarks - general:</i>						
					<i>remarks - this release:</i> .						
<hr/>											
TS 25.451	UTRAN lupc interface layer 1										
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.					
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen						
	<i>history (event, available, version,</i>										
	RP-22 2004-01-13	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>						
					<i>remarks - this release:</i> created for M.1457 update						
<hr/>											

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

TS 25.452 UTRAN Iu-CS interface: signalling transport
Rel-6 *current version:* 6.0.0 *freeze_meeting:*
history (event, available, version,
RP-19 2003-03-26 6 . 0 . 0

WG (prime / other): R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.453 UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling
Rel-6 *current version:* 6.4.0 *freeze_meeting:*
history (event, available, version,
RP-19 2003-03-26 6 . 0 . 0
RP-20 2003-06-17 6 . 1 . 0
RP-21 2003-09-30 6 . 2 . 0
RP-22 2004-01-13 6 . 3 . 0
RP-23 6 . 4 . 0

WG (prime / other): R3 / *rapporteur:* JOLLEY, Vincent QUALCOMM EUROPE S.A.R.L.
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.460 UTRAN Iu-PS interface: General aspects and principles
Rel-6 *current version:* none *freeze_meeting:*
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

remarks - general: WI UID = 23010
remarks - this release: .

TS 25.461 UTRAN Iu-PS interface: Layer 1
Rel-6 *current version:* none *freeze_meeting:*
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

remarks - general: WI UID = 23010
remarks - this release: .

TS 25.462 UTRAN Iu-PS interface: Signalling transport
Rel-6 *current version:* none *freeze_meeting:*
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

remarks - general: WI UID = 23010
remarks - this release: .

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

TS 25.463	UTRAN Iuant interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling								
Rel-6	current version: none		WG (prime / other): R3 / -	rapporteur: HAUSER, Andreas	Vodafone D2 GmbH				
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version,							remarks - general: WI UID = 23010	
								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 INTERDIGITAL COMMUNICATIONS								
Rel-6	current version: Resource Management (RRM)	6.0.0	WG (prime / other): R3 / -	rapporteur: MILLER, James					
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version,								
	RP-20 2003-06-17	1 . 0 . 0		RP-030342		get it		remarks - general:	
	RP-21 2003-09-26	2 . 0 . 0		RP-030425		get it		remarks - this release: .	
	RP-21 2003-09-30	6 . 0 . 0				get it			
TR 25.803	S-CCPCH performance for MBMS								
Rel-6	current version: 1.3.0	DRAFT	WG (prime / other): R1 /	rapporteur: MALLADI, Durga	QUALCOMM EUROPE S.A.R.L.				
	freeze_meeting:		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version,								
	R1-33	0 . 0 . 1						remarks - general:	
	R1-33 2003-09-11	0 . 0 . 2				get it		remarks - this release: 2003-06-25: anticipate approval at RP-22.	
post	R1-33 2003-09-13	0 . 1 . 0		R1-030950		get it			
	RP-21 2003-09-29	1 . 0 . 0		RP-030535		get it			
	R1-34	1 . 1 . 0							
	R1-35 2003-11-24	1 . 1 . 1		R1-031412		get it			
	R1-35 2003-12-02	1 . 2 . 0		R1-031413		get it			
	R1-36 2004-02-23	1 . 2 . 1		R1-040387		get it			
	RP-23 2004-03-05	1 . 3 . 0				get it			
TR 25.804	Feasibility study on uplink enhancements for UTRA TDD								
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): R1 /	rapporteur: RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS				
	freeze_meeting:		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version,								
	R1-33 2003-09-05	0 . 0 . 1		R1-030940		get it		remarks - general: 2003-09-04: anticipated approval at RP-223. WI = RInImp-FSUpEnhTDD.	
								remarks - this release: .	

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

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

TR 25.805	DS-CDMA introduction in the 800 MHz band						
Rel-6	current version: 0.3.0	DRAFT	WG (prime / other): R4 /	rapporteur: NAKAMURA, Takehiro	NTT DoCoMo Inc.		
	freeze_meeting:		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version,						
	draft	0 . 1 . 0				remarks - general:	WI = RInImp-UMTS800 (UID 24009)
	R4-28	0 . 2 . 0				remarks - this release:	.
	R4-29 2003-12-05	0 . 3 . 0					
							get it
	claims to be a "draft"						
TR 25.806	UMTS 1700/2100MHz Work Item						
Rel-6	current version: 6.0.0		WG (prime / other): R4 /	rapporteur: NUMMINEN, Jussi	NOKIA Corporation		
	freeze_meeting:		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version,						
	R4-28	0 . 0 . 0				remarks - general:	WI = RInImp-UMTS850 (UID 24007) & RInImp-UMTS1721 (UID 24010).
	R4-29 2004-01-19	0 . 1 . 0				remarks - this release:	. 2004-01-19: title changed from "UMTS 1700/2100MHz and UMTS 850MHz Work
	R4-30	1 . 0 . 0					get it
	RP-23 2004-03-05	1 . 0 . 1					get it
	RP-23	6 . 0 . 0					
TR 25.807	Low output powers for general purpose FDD BS						
Rel-6	current version: 6.0.0		WG (prime / other): R3 / -	rapporteur: BURGOS MARTÍNEZ, Ana	TELEFONICA DE ESPAÑA SA		
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen			
	history (event, available, version,						
	RP-23	1 . 0 . 0				remarks - general:	
	RP-23	6 . 0 . 0				remarks - this release:	.
	RP-040076 for approval						
TR 25.852	lu enhancements for IP Multimedia (IMS) support in UTRAN						
Rel-6	current version: 0.0.0	DRAFT	WG (prime / other): R3 /	rapporteur: GODIN, Philippe	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen			
	history (event, available, version,						
	RP-11 2001-04-06	0 . 0 . 0				remarks - general:	2003-09-08: Title changed from "Radio access bearer support enhancements for
						remarks - this release:	. the lu".
	Inherited from Rel-4.						get it

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 25.862	RAB support for IMS									
Rel-6	<i>current version:</i> 1.0.0		DRAFT		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha				NOKIA Corporation
	<i>freeze_meeting:</i>				G: U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, draft</i>								<i>remarks - general:</i>	
	Updates based on	0 . 0 . 0							<i>remarks - this release:</i> .	
	R2-032319 and a	0 . 1 . 0								
	Siemens text									
	proposal.									
	R2-40	0 . 2 . 0								
	RP-23	1 . 0 . 0	ex R2-41 -> RP-040122							
TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks									
Rel-6	<i>current version:</i> 1.0.0		DRAFT		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo				Mikom - Andrew
	<i>freeze_meeting:</i>				G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, RP-14</i>	2002-01-02	1 . 0 . 0	inherited from Rel-5					get it	<i>remarks - general:</i>
										<i>remarks - this release:</i> 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.
TR 25.869	Transmitter diversity solutions for multiple antennas									
Rel-6	<i>current version:</i> 1.2.0		DRAFT		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin				Samsung Electronics Ind. Co., Ltd.
	<i>freeze_meeting:</i>				G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, RP-15</i>	2002-03-19	1 . 0 . 2	RP-020130 - RP-20: to Rel-6					get it	<i>remarks - general:</i>
	draft		1 . 1 . 0							<i>remarks - this release:</i> .
	draft		1 . 1 . 1							
	draft	2003-09-30	1 . 2 . 0	R1-030946					get it	
TR 25.876	Multiple Input Multiple Output (MIMO) Antennae in UTRA									
Rel-6	<i>current version:</i> 1.3.0		DRAFT		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard				Lucent Technologies
	<i>freeze_meeting:</i>				G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, R1-34</i>	2003-11-03	1 . 1 . 1						get it	<i>remarks - general:</i> RP-20: reference to HSDPA removed from title
	post R1-34	2003-11-26	1 . 2 . 0	R1-031398					get it	<i>remarks - this release:</i> Timed out of Rel-5.
	R1-36	2004-02-26	1 . 2 . 1	R1-040366					get it	
	post R1-36	2004-02-26	1 . 3 . 0	R1-040366: many editorial problems yet to be fixed					get it	

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

TR 25.887 Beamforming enhancements

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
R1-26 1 . 1 . 0
R1-28 1 . 2 . 0
R1-28 1 . 3 . 0
draft 1 . 3 . 1 resulting from discussions at RP-22
draft 2004-02-13 1 . 7 . 0 R1-040188 [get it](#)
R1-36 1 . 7 . 1
RP-23 2004-03-04 2 . 0 . 0 R1-36 -> RP-040083 [get it](#)
RP-23 6 . 0 . 0

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

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:* 6.0.0
freeze_meeting:
history (event, available, version,
RP-18 2003-01-06 1 . 1 . 0 RP-020815 [get it](#) *remarks - general:*
RP-21 2003-09-26 2 . 0 . 0 RP-030500 [get it](#) *remarks - this release:* .
RP-21 2003-10-13 6 . 0 . 0 [get it](#)

WG (prime / other): R1 / - *rapporteur:* LI, Xiaoqiang SAMSUNG Electronics Research Institute
G: *U:* yes *MCC:* SASAKI, Tsukasa

TR 25.889 Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
RP-16 2002-06-26 1 . 0 . 0 RP-020354 [get it](#) *remarks - general:*
RP-17 2002-09-24 1 . 1 . 0 RP-020657 [get it](#) *remarks - this release:* .
RP-18 2003-01-06 1 . 2 . 1 RP-020690 [get it](#)
R4-26 1 . 3 . 0
R4-27 1 . 4 . 0
RP-20 2003-06-17 2 . 0 . 0 RP-030343 [get it](#)
RP-20 2003-07-01 6 . 0 . 0 RP-21: Agreed (RP-030511) to send [get it](#)
this document to ITU-R WP8F, so it
needs to be an externally published TR
rather than 3GPP-internal. On closer
inspection, it is full of illegal references
to non-publicly-available documentns.
So do not publish.

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

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

TR 25.891 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5

Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* R3 / *rapporteur:* HWANG, Woonhee NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
R3-31 0 . 0 . 1 *remarks - general:*
R3-31 0 . 1 . 0 *remarks - this release:* .
draft 2002-10-11 0 . 1 . 1 [get it](#)
draft 2003-01-24 0 . 2 . 1 [get it](#)
draft 2003-06-18 0 . 3 . 0 [get it](#)

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

Rel-6 *current version:* 1.1.0 DRAFT *WG (prime / other):* R1 / *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
freeze_meeting: G: U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
R1-27 0 . 0 . 1 *remarks - general:*
R1-29 0 . 0 . 2 *remarks - this release:* .
R1-33 0 . 0 . 3
R1-31 0 . 1 . 0
R1-31 0 . 1 . 1
R1-31 0 . 1 . 2
R1-31 2003-03-31 0 . 2 . 0 [get it](#)
R1-31 0 . 2 . 1
R1-33 0 . 3 . 0
R1-33 2003-09-05 0 . 3 . 1 [get it](#)
R1-34 0 . 4 . 0
R1-34 2003-10-21 0 . 4 . 1 R1-031150 (includes R1-031127) [get it](#)
R1-35 0 . 5 . 0
R1-35 0 . 5 . 1
R1-35 2003-12-03 0 . 5 . 2 R1-031436 [get it](#)
draft 0 . 6 . 0
draft 0 . 6 . 1
R1-36 1 . 0 . 0
R1-36 1 . 0 . 1
RP-23 2004-03-05 1 . 1 . 0 R1-040394, RP-040119 [get it](#)

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 25.894 Enhanced UE positioning using software blanking

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

WG (prime / other): R2 / - *rapporteur:* BARTLETT, David Cambridge Positioning Systems Limited
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general:
remarks - this release: .

TR 25.895 Analysis of higher chip rates for UTRA TDD evolution

Rel-6 *current version:* 1.3.2 DRAFT
freeze_meeting:
history (event, available, version,
RP-19 2003-03-24 1 . 0 . 0 RP-030095
R1-31 2003-09-09 1 . 2 . 0 R1-030926
R1-34 2003-10-15 1 . 2 . 2 R1-031143
R1-35 1 . 3 . 0
R4-29 2003-12-03 1 . 3 . 1 R4-031018
R4-30 2004-02-27 1 . 3 . 2 R1-040389

WG (prime / other): R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2002-10-07: anticipate approval at RP-20.
[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-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.896 Feasibility study for enhanced uplink for UTRA FDD

Rel-6 current version: 6.0.0

freeze_meeting:

history (event, available, version,

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

G: U: yes

MCC:

SASAKI, Tsukasa

NOKIA Corporation

remarks - general:

remarks - this release: .

R1-28b	0	.	0	.	1	R1-021218	
R1-29	0	.	0	.	2	R1-021259	
R1-30	0	.	0	.	3		
R1-30	0	.	0	.	4		
R1-30	0	.	1	.	0		
R1-30	0	.	1	.	1		
R1-31	0	.	2	.	0	R1-030311	
R1-31	0	.	2	.	1		
R1-31	0	.	2	.	2		
post R1-31	0	.	3	.	0		
RP-32	0	.	3	.	1		
post RP-32	0	.	3	.	2		
post RP-32	0	.	3	.	3		
R1-33	0	.	4	.	0		
post R1-33	2003-09-04	0	.	4	.	1	R1-030951
post R1-33	2003-09-13	0	.	4	.	2	R1-030952
RP-21	2003-09-26	1	.	0	.	0	RP-030512
draft	2003-10-13	1	.	0	.	1	R1-031148
R1-35	2003-11-03	1	.	0	.	2	R1-031164
post R1-35		1	.	1	.	0	
post R1-35	2003-12-03	1	.	1	.	1	R1-031422
post R1-35	2003-12-05	1	.	1	.	2	R1-031423
draft		1	.	2	.	0	R1-040105
draft	2004-02-05	1	.	2	.	1	R1-040109
R1-36		1	.	3	.	0	
R1-36	2004-02-26	1	.	3	.	1	R1-040388
posat R1-36	2004-03-01	1	.	3	.	2	R1-040391
RP-23	2004-03-04	2	.	0	.	0	R1-040392 -> RP-040046
RP-23		6	.	0	.	0	

[get it](#)

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

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Server ACTIVE specs 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:* 0.3.1 DRAFT
freeze_meeting:
history (event, available, version,
draft 2003-01-24 0 . 1 . 1
R3-36 2003-08-19 0 . 2 . 1
R3-38 2003-11-06 0 . 3 . 1 R3-031555

WG (prime / other): R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

TR 25.898 Power control enhancements for UTRA

Rel-6 *current version:* 0.1.0 DRAFT
freeze_meeting:
history (event, available, version,
R1-33 2003-09-10 0 . 1 . 0

WG (prime / other): R1 / - *rapporteur:* MITRA, Diptendu NOKIA UK Ltd
G: *U:* yes *MCC:* SASAKI, Tsukasa
[get it](#) *remarks - general:*
remarks - this release: .

TR 25.899 High Speed Download Packet Access (HSDPA) enhancements

Rel-6 *current version:* 0.5.0 DRAFT
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 1 R1-021443
R1-31 0 . 0 . 2 R1-030373
R1-31 0 . 0 . 3 R1-030380
R1-31 0 . 1 . 0 R1-030382
R1-32 0 . 2 . 0 R1-030634
R1-34 2003-10-14 0 . 2 . 1 R1-031149
R1-34 2003-11-07 0 . 2 . 2 R1-031174
draft 0 . 3 . 1 R1-031418
draft 2004-01-07 0 . 3 . 2 R1-031425
R1-35 2004-02-05 0 . 3 . 3 R1-040201
R1-36 2004-02-23 0 . 4 . 0 R1-040384
draft 0 . 5 . 0 Existance deduced from report of
RP-23 §8.12

WG (prime / other): R1 / *rapporteur:* FUKUI, Noriyuki Mitsubishi Electric Co.
G: *U:* yes *MCC:* SASAKI, Tsukasa
remarks - general:
remarks - this release: RP-23: v1.0.0 xpected RP-24.
[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-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.901	Network Assisted Cell Change (NACC) from UTRAN to GERAN; Network side aspects								
Rel-6	<i>current version:</i> 0.1.1	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HALL, Edward	VODAFONE LTD				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen					
<i>history (event, available, version,</i>	draft 2003-07-04	0 . 1 . 1	get it	<i>remarks - general:</i> WI UID 23011. See also 44.901.					
				<i>remarks - this release:</i> .					
<hr/>									
TR 25.922	Radio Resource Management Strategies								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	TELECOM ITALIA S.p.A.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
<i>history (event, available, version,</i>	RP-23	6 . 0 . 0							
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TR 25.942	RF system scenarios								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
<i>history (event, available, version,</i>	RP-18 2003-01-10	6 . 0 . 0	get it	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.					
	RP-21 2003-10-10	6 . 1 . 0	get it	<i>remarks - this release:</i> .					
	RP-23	6 . 2 . 0							
<hr/>									
TR 25.951	Base Station (BS) classification (FDD)								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNÄJÄKANGAS, Tuomo	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
<i>history (event, available, version,</i>	RP-19 2003-03-24	2 . 0 . 0	get it	<i>remarks - general:</i>					
	RP-19 2003-04-04	6 . 0 . 0	get it	<i>remarks - this release:</i> RP-19: from Rel-5.					
	RP-20 2003-06-27	6 . 1 . 0	get it						
	RP-21 2003-10-10	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 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:* 6.0.0 *WG (prime / other):* RP / GP *rapporteur:* PIRSKANEN, Juho NOKIA Corporation
freeze_meeting: G: yes U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, draft)

draft		1	.	0	.	0	NOT seen by TSG RAN. Suspect version number is too optimistic.	get it	<i>remarks - general:</i>
draft		1	.	1	.	0			<i>remarks - this release:</i> .
draft	2003-01-20	1	.	2	.	0	Exploder list. Still not seen by RAN.	get it	
RP-19	2003-03-24	1	.	3	.	0	RP-030016	get it	
RP-20	2003-06-02	2	.	0	.	0	RP-030310 - not approved	get it	
pre-RP-21	2003-08-19	2	.	0	.	1	cleaned up draft from MCC	get it	
RP-21	2003-09-29	2	.	0	.	2	RP-030426	get it	
RP-21	2003-10-02	6	.	0	.	0		get it	

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

Rel-6 *current version:* 6.5.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: G: U: yes *MCC:* ARZELIER, Claude

history (event, available, version, draft)

RP-18	2002-12-16	0	.	0	.	0	RP-020814; version number incorrect on the document	get it	<i>remarks - general:</i>
RP-18	2003-01-16	0	.	1	.	0	RP-020877	get it	<i>remarks - this release:</i> SP-17: Currently the latest release version.
RP-18		2	.	0	.	0	RP-020890 = composite of previous two versions!		
RP-18	2003-01-13	6	.	0	.	0	also created identical R99, Rel-4, Rel-5 versions	get it	
RP-19	2003-03-25	6	.	1	.	0		get it	
RP-20	2003-06-20	6	.	2	.	0		get it	
RP-21	2003-10-02	6	.	3	.	0		get it	
RP-22	2004-01-12	6	.	4	.	0		get it	
RP-23		6	.	5	.	0			

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies
freeze_meeting: G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, draft)

RP-19	2003-03-24	1	.	0	.	0	RP-030181	get it	<i>remarks - general:</i>
RP-20	2003-06-17	2	.	0	.	0	RP-030311	get it	<i>remarks - this release:</i> .
RP-20	2003-07-03	6	.	0	.	0		get it	
RP-21	2003-09-29	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 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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

TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-19 2003-04-04 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i>	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-22 2004-01-06 6 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-23 6 . 1 . 0		<i>remarks - this release:</i> .			
<hr/>						
TS 26.141	IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i>	<i>G: U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> WI = "Media Codecs and Formats for IMS Messaging and Presence" UID 32045.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.234	Transparent end-to-end streaming service; Protocols and codecs					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i>	<i>G: U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-19: CRs anticipated at SP-22. SP-21: Intend to split the Rel-6 spec into four separate specs.			

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

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

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

TS 26.243 ANSI C code for the fixed-point distributed speech recognition extended advanced front-end
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S4 / *rapporteur:* PEARCE, David MOTOROLA Ltd
freeze_meeting: *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-23 1 . 0 . 0 SP-040064 (no C code included) *remarks - general:* WI UID = 34700
remarks - this release: .

TS 26.244 Transparent end-to-end streaming service; 3GPP file format (3GP)
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version,
draft 2003-04-04 0 . 1 . 3 [get it](#) *remarks - general:*
draft 0 . 2 . 5 *remarks - this release:* .
SP-22 2004-01-05 1 . 0 . 0 SP-030672 [get it](#)
SP-23 2 . 0 . 0 SP-040065
SP-23 6 . 0 . 0

TS 26.245 Transparent end-to-end streaming service; Timed text format
Rel-6 *current version:* 0.1.7 DRAFT *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 0 S4-020670 *remarks - general:*
draft 0 . 1 . 0 S4-030023 *remarks - this release:* .
draft 0 . 1 . 1 S4-030062
draft 0 . 1 . 2 S4-030151
draft 2003-04-04 0 . 1 . 3 S4-030251 [get it](#)
draft 0 . 1 . 4 S4-030344
S4-26 0 . 1 . 5 S4-030421
draft 2003-07-24 0 . 1 . 6 S4-030581 [get it](#)
draft 2004-02-12 0 . 1 . 7 S4-030798 [get it](#)

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

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

TS 26.246	Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: USAI, Paolino					
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
history (event, available, version,									
draft 2003-04-03	0 . 0 . 1				get it	remarks - general:	Created S4-25bis. See S4-030135.		
draft	0 . 0 . 2	erroneously numbered v6.0.2				remarks - this release:	.		
draft 2003-08-29	0 . 0 . 3	erroneously numbered v6.0.3			get it				
SP-22 2004-01-05	1 . 0 . 0	SP-030673			get it				
<hr/>									
TS 26.346	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S4 / S2, S3	rapporteur: PEARCE, David	MOTOROLA Ltd				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
history (event, available, version,									
S4-28	0 . 0 . 0					remarks - general:	WI = "Multimedia Broadcast and Multicast Service" UID 2544.		
draft 2003-08-29	0 . 1 . 0	does not show spec number or version on cover	get it			remarks - this release:	SP-22: v1.0.0 had been expected this mtg, but at least 3 months delay expected.		
<hr/>									
TR 26.935	Packet switched conversational multimedia applications; Default codecs; Performance characterization								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: BERTENYI, Balazs	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
history (event, available, version,									
SP-23	1 . 0 . 0	SP-040063				remarks - general:	2004-01-05: Drafted by Dynasat (Alan Sharpley & Ira Panzer) under 3GPP Guest status. To be approved at S4-30.		
<hr/>									
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model								
Rel-6	current version: 6.0.0		WG (prime / other): S4 / -	rapporteur: VARSA, Viktor	Nokia Telecommunications Inc.				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
history (event, available, version,									
SP-23	6 . 0 . 0					remarks - general:			
<hr/>									

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

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

Rel-6 *current version:* 6.4.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 2002-06-25 6 . 0 . 0 [get it](#) *remarks - general:*
TP-18 2002-12-20 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-19 2003-03-31 6 . 2 . 0 [get it](#)
TP-20 2003-06-23 6 . 3 . 0 [get it](#)
TP-21 2003-10-03 6 . 4 . 0 [get it](#)

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

TS 29.002 Mobile Application Part (MAP) specification

Rel-6 *current version:* 6.5.0 *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-18 2003-01-09 6 . 0 . 0 [get it](#) *remarks - general:*
NP-19 2003-04-04 6 . 1 . 0 [get it](#) *remarks - this release:*
NP-20 2003-07-08 6 . 2 . 0 [get it](#)
NP-21 2003-10-09 6 . 3 . 0 [get it](#)
NP-22 2004-01-13 6 . 4 . 0 [get it](#)
NP-23 6 . 5 . 0

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

Rel-6 *current version:* Procedures and the Mobile Application Part (MAP) 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo
TeliaSonera AB
freeze_meeting: *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
MP-21 2003-10-09 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)
NP-22 2004-01-12 6 . 1 . 0 [get it](#) *remarks - this release:* .
NP-23 6 . 2 . 0

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

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

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface								
Rel-6	current version: 6.4.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB			
	freeze_meeting:	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
	NP-19 2003-04-04	6 . 0 . 0		get it	remarks - general:				
	NP-20 2003-06-27	6 . 1 . 0		get it	remarks - this release:	.			
	NP-21 2003-10-09	6 . 2 . 0		get it					
	NP-22 2004-01-12	6 . 3 . 0		get it					
	NP-23	6 . 4 . 0							

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)								
Rel-6	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	HUSLENDE, Ragnar	Telefon AB LM Ericsson			
	freeze_meeting:	G: yes	U: yes	MCC:	BOSWARTHICK, David				
history (event, available, version,									
	NP-23	6 . 0 . 0			remarks - general:	Former title: "General Packet Radio Service (GPRS); Interworking between the			
					remarks - this release:	. Public Land Mobile Network (PLMN) supporting GPRS and Packet".			

TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification								
Rel-6	current version: 6.1.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting:	G: yes	U: yes	MCC:	JURISIC, Andrijana				
history (event, available, version,									
	NP-22 2004-01-22	6 . 0 . 0		get it	remarks - general:	Transfer>TSG#4			
	NP-23	6 . 1 . 0			remarks - this release:	.			

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface								
Rel-6	current version: 6.0.0	WG (prime / other):	R3 / -	rapporteur:	VESELY, Alexander	SIEMENS AG			
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen				
history (event, available, version,									
	RP-22 2004-01-13	6 . 0 . 0	Technically identical to v5.3.0. Created	get it	remarks - general:	TSG#8:Appeared as v2.0.0 (RP-000258)			
			as by product of update of M.1457		remarks - this release:	.			
			(even though this spec is not cited						

TS 29.109	Bootstrapping and subscriber certificates; Diameter protocols; Stage 3								
Rel-6	current version: none	WG (prime / other):	N4 / -	rapporteur:	LAITINEN, Lauri	NOKIA Corporation			
	freeze_meeting:	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
					remarks - general:	WI = SEC1-SC (UID 14504)			
					remarks - this release:	.			

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

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TS 29.161	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network WLAN Access and			
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): N3 /	rapporteur: RÄSÄNEN, Juha NOKIA Corporation
	freeze_meeting:		G: U: yes	MCC: BOSWARTHICK, David
history (event, available, version,	N3-31 2004-02-23	0 . 0 . 1	N3-040108	get it remarks - general: WI UID = 14013. 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 mm02 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.
TS 29.163	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks			
Rel-6	current version: 6.2.0		WG (prime / other): N3 /	rapporteur: BELLING, Thomas SIEMENS AG
	freeze_meeting:		G: yes U: yes	MCC: BOSWARTHICK, David
history (event, available, version,	N3-25 2003-01-20	1 . 4 . 1		get it remarks - general:
	NP-19 2003-03-06	1 . 5 . 0		get it remarks - this release: NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.
	draft 2003-03-24	1 . 5 . 1		get it
	N3-28	1 . 6 . 0		
	NP-20 2003-06-17	1 . 7 . 0	NP-030196	get it
	N3-29 2003-09-09	1 . 8 . 0	distributed 2003-09-08 as a "draft" v1.8.0; the held version is the "official" v1.8.0.	get it
pre NP-21 2003-09-13		1 . 9 . 0		get it
	NP-21 2003-09-29	2 . 0 . 0	NP-030326	get it
	NP-21 2003-10-01	6 . 0 . 0		get it
	NP-22 2004-01-26	6 . 1 . 0	Late delivery due to difficulty of interpretation of conflicting CRs	get it
	NP-23	6 . 2 . 0		

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TS 29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview					
Rel-6	current version: 6.0.1	WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	remarks - general:	remarks - this release: .
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	get it		

TS 29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data					
Rel-6	current version: 6.0.1	WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	remarks - general:	remarks - this release: .
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	get it		

TS 29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework					
Rel-6	current version: 6.0.1	WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	remarks - general:	remarks - this release: .
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	get it		

TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions					
Rel-6	current version: 6.1.0	WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,						
NP-20	2003-06-27	6 . 0 . 0		get it	remarks - general:	
NP-22	2004-02-12	6 . 1 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	remarks - this release: .	

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

Rel-6 *current version:* 6.0.1 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-22 2004-02-12 6 . 0 . 0 Late delivery (anticipated late 2004-02) [get it](#) *remarks - general:*
due to dependencies external to MCC *remarks - this release:* .
on programme code attachments
(Java, CORBA).
NP-22 2004-02-18 6 . 0 . 1 J2EE code supplied [get it](#)

TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-20 2003-06-27 6 . 0 . 0 [get it](#) *remarks - general:*
NP-22 2004-02-12 6 . 1 . 0 [get it](#) *remarks - this release:* .
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-20 2003-06-27 6 . 0 . 0 [get it](#) *remarks - general:*
NP-22 2004-02-12 6 . 1 . 0 [get it](#) *remarks - this release:* .
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

Rel-6 *current version:* 6.0.1 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-22 2004-02-12 6 . 0 . 0 Late delivery (anticipated late 2004-02) [get it](#) *remarks - general:*
due to dependencies external to MCC *remarks - this release:* .
on programme code attachments
(Java, CORBA).
NP-22 2004-02-18 6 . 0 . 1 J2EE code supplied [get it](#)

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-20 2003-06-27 6 . 0 . 0 [get it](#) *remarks - general:*
NP-22 2004-02-12 6 . 1 . 0 [get it](#) *remarks - this release:* .
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

Rel-6 *current version:* 6.0.1 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-22 2004-02-12 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).
NP-22 2004-02-18 6 . 0 . 1 [get it](#)
J2EE code supplied

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

Rel-6 *current version:* 6.0.1 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-22 2004-02-12 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).
NP-22 2004-02-18 6 . 0 . 1 [get it](#)
J2EE code supplied

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

Rel-6 *current version:* 6.0.1 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-22 2004-02-12 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).
NP-22 2004-02-18 6 . 0 . 1 [get it](#)
J2EE code supplied

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TS 29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging						
Rel-6	current version: 6.0.1		WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,							
NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	remarks - general:		remarks - this release: .
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	get it			
TS 29.198-13	Open Service Access (OSA) Application Programming Interface (API); Part 13: Policy management SCF						
Rel-6	current version: 6.1.0		WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,							
NP-20	2003-06-27	6 . 0 . 0		get it	remarks - general:		
NP-22	2004-02-12	6 . 1 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	remarks - this release: .		
TS 29.198-14	Open Service Access (OSA) Application Programming Interface (API); Part 14: Presence and Availability Management (PAM)						
Rel-6	current version: 6.0.1		WG (prime / other): N5 /	rapporteur: ABARCA, Chelo	ALCATEL S.A.		
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,							
NP-22	2004-02-12	6 . 0 . 0	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	remarks - general:		remarks - this release: .
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	get it			
TS 29.199	Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services						
Rel-6	current version: 1.0.1	DRAFT	WG (prime / other): N5 /	rapporteur: VAN RIJSSEN, Erwin	Telefon AB LM Ericsson		
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version,							
draft		0 . 0 . 1			remarks - general:		
draft		0 . 0 . 2			remarks - this release: .		
draft		0 . 0 . 3					
NP-22	2003-11-14	1 . 0 . 0	NP-030552	get it			
draft	2004-01-12	1 . 0 . 1	Added W3C WSDL representation of the APIs	get it			

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TS 29.200	Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface								
Rel-6	current version: none			WG (prime / other): N4 / -	rapporteur: JANSSON, Jari				NOKIA Corporation
	freeze_meeting:			G: U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
								remarks - general:	Work item description in N4-021258.
								remarks - this release:	.
TS 29.209	Policy control over Gq interface								
Rel-6	current version: 0.0.1	DRAFT		WG (prime / other): N3 / -	rapporteur: N, A				Indicate persons who left Company and wait for new One
	freeze_meeting:			G: U: yes	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	draft 2003-09-01	0 . 0 . 1						get it	remarks - general:
									remarks - this release:
									.
TS 29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents								
Rel-6	current version: 6.2.0			WG (prime / other): N4 /	rapporteur: PALLARES LÓPEZ, Miguel Angel				Telefon AB LM Ericsson
	freeze_meeting:			G: yes U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-21 2003-10-09	6 . 0 . 0						get it	remarks - general:
	NP-22 2004-01-12	6 . 1 . 0						get it	remarks - this release:
	NP-23	6 . 2 . 0							.
TS 29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details								
Rel-6	current version: 6.0.0			WG (prime / other): N4 / -	rapporteur: PALLARES LÓPEZ, Miguel Angel				Telefon AB LM Ericsson
	freeze_meeting:			G: yes U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-23	6 . 0 . 0							remarks - general:
									2nd rapporteur: CZOMA, Balazs.
									remarks - this release:
									.
TS 29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3								
Rel-6	current version: 1.1.0	DRAFT		WG (prime / other): N4 / N2	rapporteur: RODRIGUEZ, Raquel				NOKIA Corporation
	freeze_meeting:			G: U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	draft	0 . 2 . 0							remarks - general:
	NP-21 2003-09-29	1 . 0 . 0	NP-030400					get it	Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP
	N4-21 2004-01-12	1 . 1 . 0						get it	interworking", see N4-030221 (né N4-030157)
									remarks - this release:
									.

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TS 29.240	Generic User Profile (GUP); Stage 3; Network						
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): N4 /	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting:		G: U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,						
	draft	0 . 0 . 0					
	N4-20 2003-10-08	0 . 1 . 0	get it	remarks - general: Cf work item 'Generic user profile' - may be renumbered to 27.241			
				remarks - this release: 2003-03-05: Delayed from Rel-5.			
<hr/>							
TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents						
Rel-6	current version: 6.1.0		WG (prime / other): N4 / -	rapporteur: BERRY, Nigel. H	Lucent Technologies Network Systems UK		
	freeze_meeting:		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,						
	NP-22 2004-01-12	6 . 0 . 0	get it	remarks - general: NP-21: Title changed to include Dh interface as well as Sh.			
	NP-23	6 . 1 . 0		remarks - this release: .			
<hr/>							
TS 29.329	Sh interface based on the Diameter protocol						
Rel-6	current version: 6.0.0		WG (prime / other): N4 / -	rapporteur: BERRY, Nigel. H	Lucent Technologies Network Systems UK		
	freeze_meeting:		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,						
	NP-23	6 . 0 . 0		remarks - general:			
				remarks - this release: .			
<hr/>							
TS 29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3						
Rel-6	current version: none		WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG		
	freeze_meeting:		G: U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,						
				remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.			
				remarks - this release: Anticipated change control at NP-22.			
<hr/>							
TS 29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3						
Rel-6	current version: none		WG (prime / other): N4 /	rapporteur: SANDERS, David	VODAFONE Group Plc		
	freeze_meeting:		G: U: yes	MCC: KYMALAINEN, Kimmo			
	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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TR 29.846 Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description

Rel-6 *current version:* 1.2.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* HOBBS, Kevan 3
freeze_meeting: *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:*
N3-27 0 . 1 . 0 N1-0300277 *remarks - this release:* .
draft 2003-06-24 0 . 2 . 0 [get it](#)
N1-32 2003-11-12 0 . 3 . 0 [get it](#)
post N1-32 2003-11-14 0 . 3 . 1 [get it](#)
NP-22 2004-01-05 1 . 0 . 0 NP-030489 [get it](#)
N1-32b 1 . 1 . 0
N1-33 2004-03-01 1 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 1.3.0 DRAFT *WG (prime / other):* N1 / - *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
N1-29 2003-05-06 0 . 1 . 0 [get it](#) *remarks - this release:* .
N1-30 2003-06-02 0 . 2 . 0 N1-031121 [get it](#)
N1-31 2003-09-01 0 . 3 . 0 [get it](#)
NP-21 2003-09-11 1 . 0 . 0 NP-030425 [get it](#)
N1-31 2004-01-03 1 . 1 . 0 [get it](#)
N1-32b 2004-02-02 1 . 2 . 0 [get it](#)
N1-33 2004-02-23 1 . 3 . 0 [get it](#)

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: *G:* *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-18 2003-01-06 1 . 0 . 0 NP-020610 [get it](#) *remarks - general:*
NP-19 2003-03-06 1 . 1 . 0 NP-030073. Will be reviewed N1-28, [get it](#) *remarks - this release:* .
N3-29 1 . 2 . 0
NP-20 2003-06-17 2 . 0 . 0 NP-030197 -> NP-030293 [get it](#)
NP-20 2003-06-23 6 . 0 . 0 [get it](#)
NP-21 2003-10-01 6 . 1 . 0 [get it](#)

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

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

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control
Rel-6 *current version:* 6.0.0 *WG (prime / other):* N5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-22 2004-01-15 6 . 0 . 0 [get it](#) *remarks - general:* Evidence for existence unearthed in N5-020143.
remarks - this release: .

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

TR 30.531 Work Plan and Study Items - RAN WG3
Rel-6 *current version:* 0.11.0 DRAFT *WG (prime / other):* R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
freeze_meeting: *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
draft 2001-11-23 0 . 9 . 3 Inherited from R99. [get it](#) *remarks - general:*
R3-37 2003-10-13 0 . 11 . 0 R3-030923 [get it](#) *remarks - this release:* Continues work started in R99 document.

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

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

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http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.101	UICC-terminal interface; Physical and logical characteristics								
Rel-6	current version: 6.2.0		WG (prime / other): T3 / SCP	rapporteur: VESTERGAARD, Peter	NOKIA UK Ltd				
	freeze_meeting:		G: U: yes	MCC: JURISIC, Andrijana					
	history (event, available, version,								
	TP-17 2002-09-18	6 . 0 . 0		get it	remarks - general:	Contents is a reference to ETSI TR 102 221.			
	TP-18 2003-01-02	6 . 1 . 0		get it	remarks - this release:	TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.			
	TP-20 2003-06-23	6 . 2 . 0		get it					
TS 31.102	Characteristics of the USIM application								
Rel-6	current version: 6.5.0		WG (prime / other): T3 / -	rapporteur: HEIM, Christian	GIESECKE & DEVRIENT GmbH				
	freeze_meeting:		G: U: yes	MCC: JURISIC, Andrijana					
	history (event, available, version,								
	TP-18 2003-01-02	6 . 0 . 0		get it	remarks - general:				
	TP-19 2003-04-01	6 . 1 . 0		get it	remarks - this release:	.			
	TP-20 2003-06-23	6 . 2 . 0		get it					
	TP-21 2003-09-30	6 . 3 . 0		get it					
	TP-22 2004-01-12	6 . 4 . 0		get it					
	TP-23	6 . 5 . 0							
TS 31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application								
Rel-6	current version: 6.3.0		WG (prime / other): T3 /	rapporteur: N, A	Indicate persons who left Company and wait for new One				
	freeze_meeting:		G: yes U: yes	MCC: JURISIC, Andrijana					
	history (event, available, version,								
	TP-18 2003-01-02	6 . 0 . 0		get it	remarks - general:				
	TP-19 2003-03-26	6 . 1 . 0		get it	remarks - this release:	.			
	TP-20 2003-06-23	6 . 2 . 0		get it					
	TP-23	6 . 3 . 0							
TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
Rel-6	current version: 6.1.0		WG (prime / other): T3 / -	rapporteur: WOODSEND, Kristian	Indicate persons who left Company and wait for new One				
	freeze_meeting:		G: yes U: yes	MCC: JURISIC, Andrijana					
	history (event, available, version,								
	TP-22 2004-01-12	6 . 0 . 0		get it	remarks - general:	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.			
	TP-23	6 . 1 . 0			remarks - this release:	.			

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TS 32.102 Telecommunication management; Architecture

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-21 2003-10-03 6 . 0 . 0 [get it](#) *remarks - general:*
SP-22 2004-01-05 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-23 6 . 2 . 0

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-22 2004-01-13 6 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
remarks - this release: .

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-22 2004-01-05 6 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
post SP-22 edito 2004-01-13 6 . 0 . 1 [get it](#) *remarks - this release:* .
SP-23 6 . 1 . 0

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-22 2004-01-05 6 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
remarks - this release: .

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-22 2004-01-05 6 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
post SP-22 edito 2004-01-13 6 . 0 . 1 [get it](#) *remarks - this release:* .
SP-23 6 . 1 . 0

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TS 32.140	Telecommunication management; Services operations management; Subscription Management (SuM) requirements					
Rel-6	<i>current version:</i> 6.2.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ISLIP, John	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			<i>U: yes</i>		
	SP-15	2002-03-19	1 . 0 . 0	SP-020012 (originally Rel-5)	get it	<i>remarks - general:</i>
	SP-18	2003-01-06	1 . 1 . 1	SP-020728	get it	<i>remarks - this release:</i> SP-15: moved from Rel-5.
	SP-19		2 . 0 . 0	SP-030041		
	SP-19	2003-03-31	6 . 0 . 0		get it	
	SP-21	2003-10-02	6 . 1 . 0		get it	
	SP-23		6 . 2 . 0			

TS 32.141	Telecommunication management; Services operations management; Subscription Management (SuM) architecture					
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ABA, Istvan	T-Mobile AUSTRIA GmbH
	<i>freeze_meeting:</i>			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			<i>U: yes</i>		
	SP-19	2003-03-27	1 . 0 . 0	SP-030042	get it	<i>remarks - general:</i>
	SP-21	2003-09-29	2 . 0 . 0	SP-030405	get it	<i>remarks - this release:</i> .
	SP-21	2003-10-03	6 . 0 . 0		get it	
	SP-23		6 . 1 . 0			

TS 32.150	Telecommunication management; Integration Reference Point (IRP) Concept and definitions					
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd
	<i>freeze_meeting:</i>			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			<i>U: yes</i>		
	S5-35b	2003-10-08	0 . 0 . 1	S5-032639	get it	<i>remarks - general:</i> Justification: see SP-020608. Stage 3: see 27.150. 2003-08-28: Title changed
	SP-22	2004-01-05	1 . 0 . 0	SP-030613	get it	<i>remarks - this release:</i> . from "Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2". 2003-12-03: title changed from "Telecommunication management; Integration Reference Point (IRP): Introduction and definitions".
	SP-23		2 . 0 . 0	SP-040113		
	SP-23		6 . 0 . 0			

TS 32.151	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) template					
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			<i>U: yes</i>		
	SP-22	2004-01-05	1 . 0 . 0	SP-030614	get it	<i>remarks - general:</i>
	SP-23		2 . 0 . 0	SP-040114		<i>remarks - this release:</i> .
	SP-23		6 . 0 . 0			

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TS 32.152	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-22 2004-01-05	1 . 0 . 0	SP-030615	get it	<i>remarks - general:</i>				
	SP-23	2 . 0 . 0	SP-040115		<i>remarks - this release:</i> .				
	SP-23	6 . 0 . 0							
<hr/>									
TS 32.171	Service operations management; Subscription Management (SuM) resources Integration Reference Point (IRP); Requirements								
Rel-6	<i>current version:</i> 1.0.0		DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	draft 2003-08-22	0 . 1 . 0		get it	<i>remarks - general:</i>				
	SP-22 2004-01-05	1 . 0 . 0	SP-030616	get it	<i>remarks - this release:</i> .				
<hr/>									
TS 32.172	Service operations management; Subscription Management (SuM) resources Integration Reference Point (IRP); Network Resources Model (NRM)								
Rel-6	<i>current version:</i> 1.0.0		DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	draft 2003-08-22	0 . 1 . 0		get it	<i>remarks - general:</i>				
	draft 2003-09-30	0 . 2 . 0		get it	<i>remarks - this release:</i> .				
	SP-22 2004-01-05	1 . 0 . 0	SP-030617	get it					
<hr/>									
TS 32.240	Telecommunication management; Charging management; Charging architecture and principles								
Rel-6	<i>current version:</i> 1.1.0		DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	S5-34	0 . 1 . 0			<i>remarks - general:</i>				
	draft 2003-10-22	0 . 5 . 0		get it	<i>remarks - this release:</i> .				
	SP-22 2004-01-05	1 . 0 . 0	SP-030623	get it					
	draft 2004-01-26	1 . 1 . 0	S5-044041	get it					

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TS 32.250	Telecommunication management; Charging management; Circuit Switched (CS) domain charging					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>						
	SP-22 2004-01-05	1 . 0 . 0	SP-030624	get it	<i>remarks - general:</i>	
	SP-23	2 . 0 . 0	SP-040140		<i>remarks - this release:</i> .	
	SP-23	6 . 0 . 0				

TS 32.251	Telecommunication management; Charging management; Packet Switched (PS) domain charging					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RICHARDS,	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>						
	SP-21 2003-09-29	1 . 0 . 0	SP-030410	get it	<i>remarks - general:</i> SP-21: WI = charging management for the bearer level	
					<i>remarks - this release:</i> 2003-07-10 (Zoicas): Release was unknown, now confirmed as Rel-6.	

TS 32.252	Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>						
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

TS 32.260	Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TEPPO, Patrik	NANJING ERICSSON PANDA COMMUNICATIONS LTD	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>						
	draft	0 . 0 . 1			<i>remarks - general:</i>	
	draft 2003-10-22	0 . 1 . 0		get it	<i>remarks - this release:</i> .	
	S5-36	0 . 2 . 0				
	draft	0 . 3 . 0				
	draft 2004-03-03	0 . 4 . 0		get it		
	SP-23	1 . 0 . 0	SP-040144			

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TS 32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-21 2003-09-29	1 . 0 . 0	SP-030412	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 32.271	Telecommunication management; Charging management; Location Services (LCS) charging								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BIBAS, Alain	ORANGE SA				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-21 2003-09-29	1 . 0 . 0	SP-030411	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 32.295	Telecommunication management; Charging management; Charging Data Record (CDR) transfer								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation				
	<i>freeze_meeting:</i>		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 32.296	Telecommunication management; Charging management; On-line Charging System (OCS): Applications and interfaces								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BROWN, Yishai	Amdocs Software Systems Limited				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 2			<i>remarks - general:</i>	WID = CH (SP-030047)			
	S5-35b 2003-10-22	0 . 1 . 0		get it	<i>remarks - this release:</i>	Original target for approval = SP-21.			
	S5-36	0 . 3 . 0							
	draft	0 . 4 . 0							
	S5-36b 2004-01-26	0 . 5 . 0	S5-044040	get it					
	SP-23	1 . 0 . 0	SP-040141						

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Server ACTIVE specs Rel-6 32 .- series
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TS 32.297	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer				
Rel-6	current version: 6.0.0			WG (prime / other): S5 / -	rapporteur: RICHARDS, NORTEL NETWORKS (EUROPE)
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian
history (event, available, version,					
SP-20	2003-06-17	1 . 0 . 0	SP-030273	get it	remarks - general: 2003-08-18: Title changed from "Telecommunication management; Charging
draft		1 . 0 . 1			remarks - this release: . management; Charging interface description to the billing domain".
draft		1 . 1 . 0			
draft		1 . 2 . 0			
S2-36b	2004-01-26	1 . 2 . 1		get it	
draft		1 . 3 . 0			
draft	2004-03-03	1 . 4 . 0	S5-044147	get it	
draft	2004-03-05	1 . 4 . 1		get it	
SP-23		2 . 0 . 0	SP-040142		
SP-23		6 . 0 . 0			

TS 32.298	Telecommunication management; Charging management; Charging Data Record (CDR) encoding rules description				
Rel-6	current version: 1.0.0	DRAFT		WG (prime / other): S5 / -	rapporteur: NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian
history (event, available, version,					
SP-21	2003-09-29	1 . 0 . 0	SP-030413	get it	remarks - general:
					remarks - this release: .

TS 32.299	Telecommunication management; Charging management; Diameter charging applications				
Rel-6	current version: 1.0.0	DRAFT		WG (prime / other): S5 / -	rapporteur: ALEXANDER, Benni NOKIA Corporation
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian
history (event, available, version,					
draft		0 . 1 . 0			remarks - general: 2003-08-18: Title changed from "Telecommunication management; Charging
draft	2004-01-26	0 . 2 . 0		get it	remarks - this release: . management; Charging protocol description".
SP-23		1 . 0 . 0	SP-040145		

TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements				
Rel-6	current version: 6.0.0			WG (prime / other): S5 / -	rapporteur: SCHMIDT, Joerg MOTOROLA A/S
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian
history (event, available, version,					
SP-23		6 . 0 . 0			remarks - general: was 32.301-1
					remarks - this release: .

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Server ACTIVE specs Rel-6 32 .- series
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TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, SP-23</i>	6 . 0 . 0		<i>remarks - general:</i> was 32.301-2		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)				
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>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, SP-23</i>	6 . 0 . 0		<i>remarks - general:</i> was 32.301-3		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution				
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>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, SP-23</i>	6 . 0 . 0		<i>remarks - general:</i> was 32.301-4		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, SP-23</i>	6 . 0 . 0		<i>remarks - general:</i> was 32.112-1		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, SP-23</i>	6 . 0 . 0		<i>remarks - general:</i> was 32.112-2		
			<i>remarks - this release:</i> .		

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TS 32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements								
Rel-6	current version: 6.0.0			WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG			
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian				
	history (event, available, version, SP-23	6 . 0 . 0						remarks - general:	
								remarks - this release:	.
<hr/>									
TS 32.331	Telecommunication management; Notification log Integration Reference Point (IRP): Requirements								
Rel-6	current version: 6.0.0			WG (prime / other): S5 /	rapporteur: SCHMIDT, Joerg	MOTOROLA A/S			
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian				
	history (event, available, version, SP-22 2004-01-05	1 . 0 . 0	SP-030638	get it				remarks - general:	
	SP-23	2 . 0 . 0	SP-040122					remarks - this release:	.
	SP-23	6 . 0 . 0							
<hr/>									
TS 32.332	Telecommunication management; Notification log Integration Reference Point (IRP): Information Service (IS)								
Rel-6	current version: 1.0.0		DRAFT	WG (prime / other): S5 /	rapporteur: SCHMIDT, Joerg	MOTOROLA A/S			
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian				
	history (event, available, version, SP-23	1 . 0 . 0	SP-040123					remarks - general:	
								remarks - this release:	.
<hr/>									
TS 32.333	Telecommunication management; Notification log Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)								
Rel-6	current version: none			WG (prime / other): S5 /	rapporteur: RAYMER, David	Motorola Inc.			
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian				
	history (event, available, version,							remarks - general:	
								remarks - this release:	.
<hr/>									
TS 32.334	Telecommunication management; Notification log Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)								
Rel-6	current version: none			WG (prime / other): S5 /	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG			
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian				
	history (event, available, version,							remarks - general:	
								remarks - this release:	.

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TS 32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements					
Rel-6	current version: 6.0.0		WG (prime / other): S5 /	rapporteur: SCHMIDT, Joerg	MOTOROLA A/S	
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,						
	SP-20 2003-06-17	1 . 0 . 0	SP-030290	get it	remarks - general:	
	SP-23	2 . 0 . 0	SP-040124		remarks - this release: .	
	SP-23	6 . 0 . 0				

TS 32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)					
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S5 /	rapporteur: SCHMIDT, Joerg	MOTOROLA A/S	
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,						
	SP-22 2004-01-05	1 . 0 . 0	SP-030637	get it	remarks - general:	
					remarks - this release: .	

TS 32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)					
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S5 /	rapporteur: RAYMER, David	Motorola Inc.	
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,						
	SP-23	1 . 0 . 0	SP-040127		remarks - general:	
					remarks - this release: .	

TS 32.344	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)					
Rel-6	current version: none		WG (prime / other): S5 /	rapporteur: SUERBAUM, Clemens	SIEMENS AG	
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,						
					remarks - general:	
					remarks - this release: .	

TS 32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements					
Rel-6	current version: 6.0.0		WG (prime / other): S5 /	rapporteur: LI, Yewen	China Mobile Communications Corporation (CMCC)	
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,						
	SP-22 2004-01-05	1 . 0 . 0	SP-030632	get it	remarks - general: WI = OAM-NIM (UID 35014)	
	SP-23	2 . 0 . 0	SP-040125		remarks - this release: .	
	SP-23	6 . 0 . 0				

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

TS 32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)				
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>				
	SP-22	2004-01-05	1 . 0 . 0	SP-030633	get it <i>remarks - general:</i> WI = OAM-NIM (UID 35014) <i>remarks - this release:</i> .

TS 32.353	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)				
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i> WI = OAM-NIM (UID 35014) <i>remarks - this release:</i> .

TS 32.354	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)				
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i> WI = OAM-NIM (UID 35014) <i>remarks - this release:</i> .

TS 32.361	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements				
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>				
	SP-21	2003-09-29	1 . 0 . 0	SP-030423	get it <i>remarks - general:</i> WI = OAM-NIM (UID 35014) <i>remarks - this release:</i> .
	SP-22	2004-01-05	2 . 0 . 0	SP-030634	
	SP-22	2004-01-05	6 . 0 . 0		

TS 32.362	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)				
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen	China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>				
	SP-21	2003-09-29	1 . 0 . 0	SP-030424	get it <i>remarks - general:</i> WI = OAM-NIM (UID 35014) <i>remarks - this release:</i> .
	SP-22	2004-01-05	2 . 0 . 0	SP-030635	
	SP-22	2004-01-05	6 . 0 . 0		
	SP-23		6 . 1 . 0		

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TS 32.363	Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen				China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-21	2003-09-29	1 . 0 . 0	SP-040425	get it	<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)		
	SP-22	2004-01-05	2 . 0 . 0	SP-030636	get it	<i>remarks - this release:</i>	.		
	SP-22	2004-01-05	6 . 0 . 0		get it				

TS 32.364	Telecommunication Management; Entry Point (EP) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LI, Yewen				China Mobile Communications Corporation (CMCC)
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
						<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)		
						<i>remarks - this release:</i>	.		

TS 32.371	Telecommunication management; Security Management Integration Reference Point (IRP): Requirements								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li				HuaWei Technologies Co., Ltd
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	draft	2004-01-05	0 . 0 . 1		get it	<i>remarks - general:</i>	WI = OAM-AR (UID 35011)		
	SP-23		1 . 0 . 0	SP-040126		<i>remarks - this release:</i>	.		

TS 32.372	Telecommunication management; Security Management Integration Reference Point (IRP): Information Service (IS)								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li				HuaWei Technologies Co., Ltd
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
						<i>remarks - general:</i>	WI = OAM-AR (UID 35011)		
						<i>remarks - this release:</i>	.		

TS 32.373	Telecommunication management; Security Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li				HuaWei Technologies Co., Ltd
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
						<i>remarks - general:</i>	WI = OAM-AR (UID 35011)		
						<i>remarks - this release:</i>	.		

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TS 32.374 Telecommunication management; Security Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6 *current version:* none *WG (prime / other):* S5 / *rapporteur:* YANG, Li HuaWei Technologies Co., Ltd
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general: WI = OAM-AR (UID 35011)
remarks - this release: .

TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-21 2003-10-15 6 . 0 . 0 [get it](#) *remarks - general:* was 32.104 (pars)
SP-22 2004-01-05 6 . 1 . 0 [get it](#) *remarks - this release:* .

TS 32.403 Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM

Rel-6 *current version:* 6.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-20 2003-06-27 6 . 0 . 0 [get it](#) *remarks - general:* was 32.104 (pars)
SP-21 2003-10-15 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-22 2004-01-05 6 . 2 . 0 [get it](#)
SP-23 6 . 3 . 0

TS 32.411 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 2002-09-16 1 . 0 . 0 SP-020500 [get it](#) *remarks - general:*
SP-20 2003-06-17 2 . 0 . 0 SP-030294 [get it](#) *remarks - this release:* .
SP-20 2003-06-18 6 . 0 . 0 [get it](#)
SP-21 2003-10-15 6 . 1 . 0 [get it](#)
SP-22 2004-01-05 6 . 2 . 0 [get it](#)

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TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)								
Rel-6	<i>current version:</i> 6.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	SP-20	2003-06-17	1	.	0	.	0	SP-030295	get it <i>remarks - general:</i>
	S5-34b	2003-07-29	1	.	1	.	0		get it <i>remarks - this release:</i> .
	S5-35		1	.	2	.	0		
	S5-35		1	.	3	.	0		
	S5-35b	2003-11-03	1	.	4	.	0	S5-038724	get it
	SP-22	2004-01-05	2	.	0	.	0	SP-030650	get it
	SP-22	2004-01-05	6	.	0	.	0		get it

TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set								
Rel-6	<i>current version:</i> 6.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	SP-23		2	.	0	.	0	SP-040136	<i>remarks - general:</i>
	SP-23		6	.	0	.	0		<i>remarks - this release:</i> .

TS 32.414	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-6	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .

TS 32.421	Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements								
Rel-6	<i>current version:</i> 6.3.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	SP-16	2002-06-17	1	.	0	.	0	SP-020330	get it <i>remarks - general:</i>
	SP-18	2003-01-06	2	.	0	.	0	SP-020755	get it <i>remarks - this release:</i> .
	SP-18	2003-01-06	6	.	0	.	0		get it
	SP-19	2003-03-31	6	.	1	.	0		get it
	SP-22	2004-01-05	6	.	2	.	0		get it
	SP-23		6	.	3	.	0		

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TS 32.422	Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, SP-23</i>	1 . 0 . 0	SP-040117				<i>remarks - general:</i>		
							<i>remarks - this release:</i>		
<hr/>									
TS 32.423	Telecommunication management; Subscriber and equipment trace: Trace data definition and management								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>						<i>remarks - general:</i>		
							<i>remarks - this release:</i>		
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TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements								
Rel-6	<i>current version:</i> 6.0.0		<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, SP-23</i>	6 . 0 . 0					<i>remarks - general:</i>	Replaces 32.106 (pars).	
							<i>remarks - this release:</i>		
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TS 32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements								
Rel-6	<i>current version:</i> 6.0.0		<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, SP-23</i>	6 . 0 . 0					<i>remarks - general:</i>	was 32.601-1	
							<i>remarks - this release:</i>		
<hr/>									
TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service								
Rel-6	<i>current version:</i> 6.0.0		<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, SP-23</i>	6 . 0 . 0					<i>remarks - general:</i>	was 32.601-2	
							<i>remarks - this release:</i>		

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TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution				
Rel-6	current version: 6.0.0	WG (prime / other): S5 / -	rapporteur: TSE, Edwin	Ericsson Incorporated	
	freeze_meeting:	G: yes U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-23	6 . 0 . 0		remarks - general: was 32.601-3		
			remarks - this release: .		
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TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set				
Rel-6	current version: 6.0.0	WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG	
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-23	6 . 0 . 0		remarks - general: was 32.601-4		
			remarks - this release: .		
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TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service				
Rel-6	current version: 6.0.0	WG (prime / other): S5 /	rapporteur: PIRT, Trevor	MOTOROLA Ltd	
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-23	6 . 0 . 0		remarks - general: was 32.602-2		
			remarks - this release: .		
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TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution				
Rel-6	current version: 6.0.0	WG (prime / other): S5 /	rapporteur: PIRT, Trevor	MOTOROLA Ltd	
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-23	6 . 0 . 0		remarks - general: was 32.602-3		
			remarks - this release: .		
<hr/>					
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set				
Rel-6	current version: 6.0.0	WG (prime / other): S5 /	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG	
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version, SP-23	6 . 0 . 0		remarks - general: was 32.602-4		
			remarks - this release: .		

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TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-6	<i>current version:</i> 6.1.0		<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-22 2004-01-13	6 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-2				
	SP-23	6 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-6	<i>current version:</i> (CORBA) solution set	6.1.0	<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-22 2004-01-14	6 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-3				
	SP-23	6 . 1 . 0			<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-6	<i>current version:</i> format definition	6.1.0	<i>WG (prime / other):</i> S5		/	<i>rapporteur:</i> BONNEAU, Frédéric			
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting:</i>		G: yes U: yes		<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-22 2004-01-14	6 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-23	6 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd		
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-23	6 . 0 . 0			<i>remarks - general:</i> was 32.622-1				
					<i>remarks - this release:</i> .				
<hr/>									
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> PETERSEN, Robert		Ericsson AB		
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-23	6 . 0 . 0			<i>remarks - general:</i> was 32.622-2				
					<i>remarks - this release:</i> .				

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TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture	Rel-6	current version: (CORBA) solution set	6.0.0	WG (prime / other):	S5	/-	rappporteur:	RAYMER, David	Motorola Inc.
	freeze_meeting:			G:	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-23		6 . 0 . 0			remarks - general:			was 32.622-3	
						remarks - this release:			.	
TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM requirements	Rel-6	current version: 6.0.0		WG (prime / other):	S5 /		rappporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting:			G:	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-19 2003-04-01		6 . 0 . 0			get it		remarks - general:		
						remarks - this release:			.	
TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service	Rel-6	current version: 6.2.0		WG (prime / other):	S5 /		rappporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting:			G:	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-19 2003-04-01		6 . 0 . 0			get it		remarks - general:		
	SP-22 2004-01-13		6 . 1 . 0			get it		remarks - this release:		
	SP-23		6 . 2 . 0							
TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution	Rel-6	current version: 6.0.0		WG (prime / other):	S5 /		rappporteur:	PAL, Tapinder	T-MOBILE DEUTSCHLAND
	freeze_meeting:			G:	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-19 2003-04-03		6 . 0 . 0			get it		remarks - general:		
						remarks - this release:			.	
TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set	Rel-6	current version: 6.1.0		WG (prime / other):	S5 /		rappporteur:	POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting:			G:	U: yes	MCC:			ZOICAS, Adrian	
	history (event, available, version, SP-19 2003-04-01		6 . 0 . 0			get it		remarks - general:		
	SP-20 2003-06-27		6 . 1 . 0			get it		remarks - this release:		

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TS 32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements								
Rel-6	current version: 6.0.0		WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, SP-23	6 . 0 . 0						remarks - general:		remarks - this release: .
<hr/>									
TS 32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service								
Rel-6	current version: 6.0.0		WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, SP-23	6 . 0 . 0						remarks - general:		remarks - this release: .
<hr/>									
TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-6	current version: solution set	6.0.0	WG (prime / other): S5 / -	rapporteur: RAYMER, David					
Motorola Inc.									
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, SP-23	6 . 0 . 0						remarks - general:		remarks - this release: .
<hr/>									
TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
Rel-6	current version: 6.0.0		WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, SP-23	6 . 0 . 0						remarks - general:		remarks - this release: .
<hr/>									
TS 32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S5 / -	rapporteur: PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian					
history (event, available, version, SP-21 2003-09-29	1 . 0 . 0	SP-030426					get it remarks - general:		remarks - this release: .

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

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

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

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

TS 32.695 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition
 Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, [get it](#) *remarks - general:*
 SP-21 2003-09-29 1 . 0 . 0 SP-030427 *remarks - this release:* .

TS 32.711 Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements
 Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)
 SP-21 2003-09-29 1 . 0 . 0 SP-030428 *remarks - this release:* .

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TS 32.712	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information service								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-21 2003-09-29 1 . 0 . 0	SP-030429							
			get it	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.713	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.714	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMP) solution set								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.715	Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i> WI = OAM-NIM (UID 35014)					
				<i>remarks - this release:</i> .					
<hr/>									
TR 32.803	Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ISLIP, John	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-23	1 . 0 . 0	SP-040109						
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					

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TR 32.804	Telecommunications management; Control of Remote Electrical Tilting (RET) antennas; Requirements								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								<i>remarks - general:</i> WI UID = 35022 (under 23010)
									<i>remarks - this release:</i> .
<hr/>									
TR 32.815	Telecommunication management; Charging management; On-line Charging System (OCS) architecture study								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-20	2003-06-17	1 . 0 . 0	SP-030274	get it				<i>remarks - general:</i>
	SP-21	2003-09-29	2 . 0 . 0	SP-030409	get it				<i>remarks - this release:</i> .
	SP-21	2003-09-30	6 . 0 . 0	SP-21: S5 is asked to eliminate multiple options in §5.1.	get it				

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TS 33.102	3G security; Security architecture								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOMMAERT, Marc	Siemens nv/sa			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-21	2003-09-30	6 . 0 . 0		get it				<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 33.106	Lawful interception requirements								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-22	2004-01-08	6 . 0 . 0		get it				<i>remarks - general:</i>
									<i>remarks - this release:</i> .

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TS 33.107 3G security; Lawful interception architecture and functions
Rel-6 *current version:* 6.1.0 *freeze_meeting:* WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
G: U: yes *MCC:* POPE, Maurice
history (event, available, version,
SP-21 2003-09-30 6 . 0 . 0 [get it](#) *remarks - general:*
SP-22 2004-01-08 6 . 1 . 0 [get it](#) *remarks - this release:* .

TS 33.108 3G security; Handover interface for Lawful Interception (LI)
Rel-6 *current version:* 6.5.0 *freeze_meeting:* WG (prime / other): S3 / *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
G: U: yes *MCC:* POPE, Maurice
history (event, available, version,
SP-18 2002-12-18 6 . 0 . 0 [get it](#) *remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core
SP-19 2003-03-24 6 . 1 . 0 [get it](#) *remarks - this release:* . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).
SP-20 2003-06-18 6 . 2 . 0 [get it](#)
SP-21 2003-09-30 6 . 3 . 0 [get it](#)
SP-22 2004-01-08 6 . 4 . 0 [get it](#)
SP-23 6 . 5 . 0

TS 33.141 Presence service; Security
Rel-6 *current version:* 1.1.1 DRAFT WG (prime / other): S3 / - *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version,
S3-30 2003-10-13 0 . 1 . 0 [get it](#) *remarks - general:*
draft 0 . 1 . 1 S3-020647 *remarks - this release:* .
post S3-31 2003-11-12 0 . 2 . 0 [get it](#)
post S3-31 2003-12-04 0 . 3 . 1 [get it](#)
SP-22 2004-01-05 1 . 0 . 0 SP-030719 [get it](#)
post S3-23 2004-02-18 1 . 1 . 0 [get it](#)
SP-23 1 . 1 . 1 SP-040163

TS 33.203 3G security; Access security for IP-based services
Rel-6 *current version:* 6.2.0 WG (prime / other): S3 / *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson
freeze_meeting: G: yes U: yes *MCC:* POPE, Maurice
history (event, available, version,
SP-21 2003-09-30 6 . 0 . 0 [get it](#) *remarks - general:*
SP-22 2004-01-08 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-23 6 . 2 . 0

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TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-6	current version: 6.4.0		WG (prime / other): S3 / -	rapporteur: KOIEN, Geir	Telenor AS				
	freeze_meeting:		G: yes U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	SP-18 2002-12-18	6 . 0 . 0							
	SP-19 2003-03-24	6 . 1 . 0	get it	remarks - general:	2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).				
	SP-20 2003-06-18	6 . 2 . 0	get it	remarks - this release:	.				
	SP-21 2003-09-30	6 . 3 . 0	get it						
	SP-23	6 . 4 . 0							
<hr/>									
TS 33.220	Generic Authentication Architecture (GAA); Generic bootstrapping architecture								
Rel-6	current version: 6.0.0		WG (prime / other): S3 /	rapporteur: HAUKKA, Tao	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	S3-30	0 . 1 . 0		remarks - general:	WI = SEC1-SC (UID 33002) Based on 33.109 §4.				
	S3-30 2003-11-03	0 . 1 . 1	get it	remarks - this release:	.				
	S3-31 2003-11-28	0 . 2 . 0	get it						
	SP-22 2004-01-05	1 . 0 . 0	get it						
	S3-32	1 . 1 . 0							
	post S3-32 2004-02-23	1 . 2 . 0	get it						
	post S3-32 2004-03-03	1 . 2 . 1	get it						
	SP-23	2 . 0 . 0							
	SP-23	6 . 0 . 0							
<hr/>									
TS 33.222	Generic Authentication Architecture (GAA); Access to network application functions using secure hypertext transfer protocol (HTTPS)								
Rel-6	current version: 0.2.0	DRAFT	WG (prime / other): S3 /	rapporteur: SAHLIN, Bengt	Telefon AB LM Ericsson				
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	S3-30	0 . 1 . 0		remarks - general:	WI = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.				
	draft 2003-11-04	0 . 1 . 1	get it	remarks - this release:	.				
	draft 2004-01-21	0 . 2 . 0	get it						

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TS 33.234 3G security; Wireless Local Area Network (WLAN) interworking security

Rel-6 current version: 6.0.0 WG (prime / other): S3 / - rapporteur: LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: G: U: yes MCC: POPE, Maurice
history (event, available, version,
S3-25 2002-10-23 0 . 1 . 0 [get it](#) remarks - general:
S3-25 0 . 2 . 0 remarks - this release: .
S3-26 0 . 3 . 0
S3-27 0 . 4 . 0
S3-28 0 . 5 . 0
S3-29 2003-09-26 0 . 6 . 0 [get it](#)
S3-30 2003-11-12 0 . 7 . 0 [get it](#)
SP-22 2004-01-05 1 . 0 . 0 SP-030585 [get it](#)
S3-32 2004-03-01 1 . 0 . 1 [get it](#)
SP-23 2 . 0 . 0 SP-040167
SP-23 6 . 0 . 0

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

Rel-6 current version: 1.1.0 DRAFT WG (prime / other): S3 / - rapporteur: ESCOTT, Adrian 3
freeze_meeting: G: yes U: yes MCC: POPE, Maurice
history (event, available, version,
S3-25 2002-10-23 0 . 0 . 1 [get it](#) remarks - general:
S3-25 0 . 0 . 2 remarks - this release: SP-22: target for v2.0.0 is SP-23, but this will be challenging.
S3-26 0 . 0 . 3
S3-27 0 . 1 . 0
draft 2003-07-08 0 . 1 . 1 [get it](#)
S3-29 2003-09-02 0 . 2 . 0 [get it](#)
draft 0 . 2 . 1
S3-30 0 . 2 . 2
S3-31 2003-11-24 0 . 2 . 3 [get it](#)
S3-31 2003-11-24 0 . 3 . 0 [get it](#)
S3-31 2003-12-05 0 . 3 . 1 [get it](#)
SP-22 2004-01-05 1 . 0 . 0 SP-030586 [get it](#)
SP-22 2004-03-04 1 . 1 . 0 ex S3-31 [get it](#)

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

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* VIITANEN, Tommi NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:*
draft 0 . 1 . 0 *remarks - this release:* .
draft 0 . 2 . 0
draft 0 . 3 . 0
draft 0 . 4 . 0
draft 0 . 5 . 0
S3-30 2003-11-03 0 . 6 . 0 [get it](#)
S3-31 2003-11-28 0 . 7 . 0 [get it](#)
SP-22 2004-01-05 1 . 0 . 0 SP-030587 [get it](#)
SP-23 1 . 1 . 0 SP-040168
SP-23 2 . 0 . 0 SP-040168
SP-23 6 . 0 . 0

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
freeze_meeting: G: U: yes *MCC:* POPE, Maurice One
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 2002-09-18 1 . 0 . 1 corrects spec number on front cover [get it](#)
S3-25 1 . 1 . 0
SP-18 2003-01-16 2 . 0 . 0 SP-020723 [get it](#)
SP-18 2002-12-18 6 . 0 . 0 [get it](#)

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

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

TR 33.817	Feasibility study on (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces								
Rel-6	current version: 6.0.0		WG (prime / other): S3 / -	rapporteur: YAQUB, Raziq		Toshiba Corporation, Digital Media Network			
	freeze_meeting:		G: yes U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	draft	0 . 0 . 1						remarks - general:	Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that TR is to be
	draft	0 . 0 . 2						remarks - this release:	. internal, so number changed from 33.917.
	draft	0 . 4 . 0							
	draft	0 . 5 . 0							
	draft	0 . 6 . 0							
	draft	0 . 7 . 0							
	S3-30	0 . 7 . 1							
	draft	0 . 7 . 2							
	draft	0 . 7 . 3							
	S3-31	0 . 7 . 4							
	S3-31	0 . 7 . 5							
	SP-22 2004-01-05	1 . 0 . 0	SP-030588		get it				
	S3-32 2004-02-02	1 . 1 . 0			get it				
	draft	1 . 1 . 1							
	draft 2004-03-04	1 . 1 . 2			get it				
	SP-23	2 . 0 . 0	SP-040169						
	SP-23	6 . 0 . 0							

TR 33.919	Generic Authentication Architecture (GAA); System description								
Rel-6	current version: 1.2.0	DRAFT	WG (prime / other): S3 /	rapporteur: VAN MOFFAERT, Annelies		ALCATEL BELL			
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,								
	S3-30 2003-10-20	0 . 0 . 1						remarks - general:	WI = SEC1-SC (UID 33002)
	S3-30 2003-11-03	0 . 1 . 0						remarks - this release:	.
	S3-31 2003-11-27	0 . 2 . 0							
	SP-22 2004-01-05	1 . 0 . 0	SP-030582		get it				
	S3-32	1 . 0 . 1							
	S3-32 2004-02-20	1 . 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-6 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

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

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

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

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

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system
Rel-6 *current version:* none WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: MCC: POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: .

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

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

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

TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd				
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	GP-12 2003-01-03 6 . 0 . 0					get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000.		<i>remarks - this release:</i> .
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	GP-17 2003-12-05 6 . 0 . 0					get it	<i>remarks - general:</i> Originally created as 03.51r00		<i>remarks - this release:</i> .
TS 43.055	Dual Transfer Mode (DTM); Stage 2								
Rel-6	<i>current version:</i> 6.4.0		<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc				
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	GP-13 2003-02-21 6 . 0 . 0					get it	<i>remarks - general:</i>		
	GP-14 2003-04-25 6 . 1 . 0					get it	<i>remarks - this release:</i> .		
	GP-16 2003-09-12 6 . 2 . 0					get it			
	GP-17 2003-12-05 6 . 3 . 0					get it			
	GP-18 2004-02-20 6 . 4 . 0					get it			
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	GP-14 2003-04-25 6 . 0 . 0					get it	<i>remarks - general:</i>		
	GP-15 2003-07-11 6 . 1 . 0					get it	<i>remarks - this release:</i> .		
	GP-17 2003-12-05 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 Rel-6 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-6 current version: 6.1.0
freeze_meeting:
history (event, available, version,
GP-15 2003-07-11 6 . 0 . 0
GP-16 2003-09-12 6 . 1 . 0

WG (prime / other): G1 / - rapporteur: LEPPISAARI, Arto NOKIA Corporation
G: yes U: MCC: USAI, Paolino
[get it](#) remarks - general:
[get it](#) remarks - this release: .

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

Rel-6 current version: 6.0.0
freeze_meeting:
history (event, available, version,
NP-21 2003-10-08 6 . 0 . 0

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)
G: yes U: MCC: JORGENSEN, Per Johan
[get it](#) remarks - general:
remarks - this release: .

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

Rel-6 current version: 0.6.0 DRAFT
freeze_meeting:
history (event, available, version,
GP-13 0 . 1 . 0 GP-030181
GP-13b 0 . 2 . 0 G2-030227
GP-14 2003-05-02 0 . 2 . 1 GP-030726 Formal TS number
allocated on upload
draft 2003-06-17 0 . 4 . 1
GP-15 0 . 5 . 0 GP-031108
draft 2003-07-21 0 . 6 . 0

WG (prime / other): G2 / rapporteur: EDWIN, Diana SIEMENS AG
G: U: yes MCC: THOMASEN, Gert
remarks - general: 2003-05: G2 chair indicates that no separate stage 3 will be required, just changes
remarks - this release: . to existing GERAN protocol specs.
[get it](#)
[get it](#)
[get it](#)

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

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

Rel-6 current version: 6.0.0
freeze_meeting:
history (event, available, version,
GP-15 2003-07-10 6 . 0 . 0

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
remarks - this release: .

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

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

TS 44.004 Layer 1 - General Requirements

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
GP-17 2003-12-05 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 44.005 Data Link (DL) Layer General Aspects

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
GP-18 2004-02-23 6 . 0 . 0

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

MOTOROLA A/S

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

TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
GP-18 2004-02-23 6 . 0 . 0

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

MOTOROLA A/S

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

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

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
GP-16 2003-09-12 6 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* HOWELL, Andrew
G: yes U: *MCC:* THOMASEN, Gert

MOTOROLA Ltd

[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 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-6 *current version:* 6.6.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 2002-12-17 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 2003-02-21 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-14 2003-04-28 6 . 2 . 0 [get it](#)
GP-15 2003-07-10 6 . 3 . 0 [get it](#)
GP-16 2003-09-12 6 . 4 . 0 [get it](#) problem with ToC
Fix ToC 2003-09-26 6 . 4 . 1 [get it](#)
GP-17 2003-12-05 6 . 5 . 0 [get it](#)
GP-18 2004-02-23 6 . 6 . 0 [get it](#)

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-15 2003-07-10 6 . 0 . 0 [get it](#) *remarks - general:*
GP-16 2003-09-12 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-18 2004-02-23 6 . 2 . 0 [get it](#)

TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

Rel-6 *current version:* 6.6.0 *WG (prime / other):* G2 / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 2002-12-17 6 . 0 . 0 [get it](#) *remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
GP-13 2003-02-21 6 . 1 . 0 [get it](#) *remarks - this release:* . (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
GP-14 2003-04-29 6 . 2 . 0 [get it](#)
GP-15 2003-07-10 6 . 3 . 0 [get it](#)
GP-16 2003-09-13 6 . 4 . 0 [get it](#)
GP-17 2003-12-05 6 . 5 . 0 [get it](#)
GP-18 2004-02-23 6 . 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-6 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-6	current version: 6.2.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	NP-20 2003-07-03	6 . 0 . 0		get it	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.			
	NP-21 2003-10-10	6 . 1 . 0		get it	remarks - this release:	.			
	NP-22 2004-01-08	6 . 2 . 0		get it					
<hr/>									
TS 44.068	Group Call Control (GCC) Protocol								
Rel-6	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	NP-22 2004-01-08	6 . 0 . 0		get it	remarks - general:				
					remarks - this release:	.			
<hr/>									
TS 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; Iu mode								
Rel-6	current version: 6.1.0	WG (prime / other):	G2 /	rapporteur:	VIRTEJ, Iuliana	NOKIA Corporation			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	GP-17 2003-12-05	6 . 0 . 0		get it	remarks - general:				
	GP-18 2004-02-23	6 . 1 . 0		get it	remarks - this release:	.			
<hr/>									
TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu mode								
Rel-6	current version: 6.3.0	WG (prime / other):	G2 /	rapporteur:	N, A	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	GP-15 2003-07-10	6 . 0 . 0		get it	remarks - general:	Created GP-08; see GP-020483. 2002-07-18: G1->G2.			
	GP-16 2003-09-13	6 . 1 . 0		get it	remarks - this release:	.			
	GP-17 2003-12-05	6 . 2 . 0		get it					
	GP-18 2004-02-23	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 Rel-6 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TR 44.933 Seamless support of streaming services in GERAN A/Gb mode

Rel-6 *current version:* 1.3.0 DRAFT WG (prime / other): G2 / - *rapporteur:* GESSNER, Christina SIEMENS AG
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 0 . 1 . 0 *remarks - general:* Work item = SSSstrea.
G2-12b 0 . 2 . 0 *remarks - this release:* .
GP-13 0 . 3 . 0
GP-14 0 . 4 . 0 GP-030654
G2-14b 2003-05-07 0 . 5 . 0 (TR number not shown on doc) [get it](#)
draft 2003-06-17 0 . 6 . 0 [get it](#)
GP-15 2003-07-15 1 . 1 . 0 [get it](#)
GP-16 2003-09-10 1 . 2 . 0 [get it](#)
Update of section 2003-09-12 1 . 3 . 0 [get it](#)
6.5.3

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

TS 45.001 Physical layer on the radio path; General description

Rel-6 *current version:* 6.3.0 WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-12 2003-01-03 6 . 0 . 0 [get it](#) *remarks - general:*
GP-14 2003-04-25 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-17 2003-12-05 6 . 2 . 0 [get it](#)
GP-18 2004-02-20 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 Rel-6 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.002 Multiplexing and multiple access on the radio path

Rel-6 *current version:* 6.5.0

freeze_meeting:

history (event, available, version,

GP-13	2003-02-21	6	.	0	.	0
GP-14	2003-04-25	6	.	1	.	0
GP-15	2003-07-11	6	.	2	.	0
GP-16	2003-09-12	6	.	3	.	0
GP-17	2003-12-05	6	.	4	.	0
GP-18	2004-02-20	6	.	5	.	0

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

NOKIA Corporation

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

TS 45.003 Channel coding

Rel-6 *current version:* 6.2.0

freeze_meeting:

history (event, available, version,

GP-16	2003-09-12	6	.	0	.	0
GP-17	2003-12-05	6	.	1	.	0
GP-18	2004-02-20	6	.	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-6 *current version:* 6.4.0

freeze_meeting:

history (event, available, version,

GP-12	2003-01-03	6	.	0	.	0
GP-13	2003-02-21	6	.	1	.	0
GP-14	2003-04-25	6	.	2	.	0
GP-16	2003-09-12	6	.	3	.	0
GP-18	2004-02-20	6	.	4	.	0

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

Telefon AB LM Ericsson

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

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 45.008	Radio subsystem link control					
Rel-6	current version: 6.6.0	WG (prime / other):	G1 / -	rapporteur:	EL-SAIGH, Amer	VODAFONE Group Plc
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-12 2003-01-03			get it	remarks - general:	
	GP-13 2003-02-21			get it	remarks - this release: .	
	GP-14 2003-04-25			get it		
	GP-15 2003-07-11			get it		
	GP-16 2003-09-12			get it		
	GP-17 2003-12-05			get it		
	GP-18 2004-02-20			get it		

TS 45.009	Link adaptation					
Rel-6	current version: 6.1.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	GP-17 2003-12-05			get it	remarks - general:	
	GP-18 2004-02-20			get it	remarks - this release: .	

TS 45.010	Radio subsystem synchronization					
Rel-6	current version: 6.2.0	WG (prime / other):	G1 / -	rapporteur:	JOKINEN, Harri	NOKIA MOBILE PHONES
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-14 2003-04-25			get it	remarks - general:	
	GP-15 2003-07-11			get it	remarks - this release: .	
	GP-16 2003-09-12			get it		

TR 45.050	Background for RF Requirements					
Rel-6	current version: 6.0.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	GP-12 2003-01-03			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 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: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 2002-07-19 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:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
GP-12 2002-11-26 0 . 3 . 0 GP-023427 [get it](#) *remarks - this release:* .
GP-13 2003-02-13 0 . 4 . 0 GP 030193 [get it](#)
GP-13 2003-02-13 1 . 0 . 0 [get it](#)
GP-14 2003-04-25 6 . 0 . 0 [get it](#)
GP-15 2003-07-11 6 . 1 . 0 [get it](#)
GP-16 2003-09-12 6 . 2 . 0 [get it](#)
GP-17 2003-12-05 6 . 3 . 0 [get it](#)
GP-18 2004-02-20 6 . 4 . 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:* 6.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 2002-12-17 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 2003-02-21 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-15 2003-07-10 6 . 2 . 0 [get it](#)
GP-16 2003-09-12 6 . 3 . 0 [get it](#)
GP-17 2003-12-05 6 . 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-6 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-6	current version: 6.4.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	GP-13 2003-02-21	6 . 0 . 0		get it	remarks - general:				
	GP-14 2003-04-29	6 . 1 . 0		get it	remarks - this release: .				
	GP-15 2003-07-10	6 . 2 . 0		get it					
	GP-17 2003-12-05	6 . 3 . 0		get it					
	GP-18 2004-02-23	6 . 4 . 0		get it					

TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification								
Rel-6	current version: 6.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov				
	history (event, available, version,				THOMASEN, Gert				
	GP-16 2003-09-12	6 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification								
Rel-6	current version: 6.4.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov				
	history (event, available, version,				THOMASEN, Gert				
	GP-14 2003-04-29	6 . 0 . 0		get it	remarks - general:				
	GP-15 2003-07-10	6 . 1 . 0		get it	remarks - this release: .				
	GP-16 2003-09-12	6 . 2 . 0		get it					
	GP-17 2003-12-05	6 . 3 . 0		get it					
	GP-18 2004-02-23	6 . 4 . 0		get it					

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

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

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
GP-15 2003-07-10 6 . 0 . 0 [get it](#) *remarks - general:*
GP-17 2003-12-05 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-18 2004-02-23 6 . 2 . 0 [get it](#)

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

TR 50.099 GERAN project plan and open issues

Rel-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* BLADSJO, David Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
draft 2002-03-20 0 . 1 . 6 ex-Rel-5. [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
remarks - this release: 2003-01-14: Fel-5 frozen, so migrated to Rel-6. Rel-5. GP-12: Rel-5 frozen, so draft

moved to Rel-6.

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

TS 51.021 GSM radio aspects base station system equipment specification

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-13 2003-02-21 6 . 0 . 0 [get it](#) *remarks - general:*
GP-15 2003-07-11 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

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

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

TS 52.008 Telecommunication management; GSM subscriber and equipment trace

Rel-6 *current version:* 0.1.2 DRAFT *WG (prime / other):* S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, draft 2003-07-15 0 . 1 . 2
[get it](#) *remarks - general:*
remarks - this release: .

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
S3-26 0 . 1 . 0 S3-020675 *remarks - general:* Not subject to export control.
SP-18 2003-01-16 1 . 0 . 0 SP-020724 *remarks - this release:* .
SP-18 2002-12-18 6 . 0 . 0 [get it](#)
SP-22 2004-01-08 6 . 1 . 0 [get it](#)
[get it](#)

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-17 2002-07-22 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:* 2003-09-30: Note: document only available with French export licence.
SP-17 2002-09-18 6 . 0 . 0 [get it](#) *remarks - this release:* .
SP-18 2002-12-18 6 . 1 . 0 [get it](#)
SP-21 2003-09-30 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 Rel-6 55 .- series
http://www.3gpp.org/ftp/Specs/archive/55_series

TS 55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>		<i>G: yes</i> <i>U:</i>	<i>MCC:</i>	POPE, Maurice				
	SP-17 2002-07-22	1 . 0 . 0	SP-020506 pars for approval	get it	<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.			
	SP-17 2002-09-18	6 . 0 . 0		get it	<i>remarks - this release:</i>	.			
	SP-18 2002-12-18	6 . 1 . 0		get it					
TS 55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>		<i>G: yes</i> <i>U:</i>	<i>MCC:</i>	POPE, Maurice				
	SP-17 2002-07-22	1 . 0 . 0	SP-020506 pars for approval	get it	<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.			
	SP-17 2002-09-18	6 . 0 . 0		get it	<i>remarks - this release:</i>	.			
	SP-18 2002-12-18	6 . 1 . 0		get it					
TS 55.226	Specification of the A5/4 encryption algorithms for GSM and ECSD, and the GEA4 encryption algorithm for GPRS; Document 1: A5/4 and GEA4 specification								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> CHRISTOFFERSSON, TeliaSonera AB		Per			
	<i>freeze_meeting:</i>					POPE, Maurice			
	<i>history (event, available, version,</i>		<i>G: yes</i> <i>U:</i>	<i>MCC:</i>	POPE, Maurice				
	draft	0 . 1 . 0			<i>remarks - general:</i>	Work item UID = 1571 (SEC1)			
	SP-23	1 . 0 . 0	SP-040170 - draft not available on specs server due to French export control restrictions		<i>remarks - this release:</i>	SP-23: likely that this will -> Rel-7			
TR 55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>		<i>G: yes</i> <i>U:</i>	<i>MCC:</i>	POPE, Maurice				
	SP-17 2002-07-22	1 . 0 . 0	SP-020506 pars for approval	get it	<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.			
	SP-17 2002-09-18	6 . 0 . 0		get it	<i>remarks - this release:</i>	.			
	SP-18 2002-12-18	6 . 1 . 0		get it					

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Rel-5

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

TS 21.101	Technical Specifications and Technical Reports for a UTRAN-based 3GPP system								
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> SP / -		<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat		
	<i>freeze_meeting:</i> SP-20		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-20 2003-06-25	5 . 4 . 0	Created from 21.103 v5.4.0	get it	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999			
	SP-22 2004-01-15	5 . 5 . 0		get it	<i>remarks - this release:</i>	. Specifications".			
	SP-23	5 . 6 . 0							
<hr/>									
TS 21.111	USIM and IC card requirements								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> T3 / -		<i>rapporteur:</i> KALINER, Stefan		T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> TP-16		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	TP-16 2002-06-19	5 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-17 2002-09-18	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
<hr/>									
TR 21.801	Specification drafting rules								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> SP / -		<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat		
	<i>freeze_meeting:</i> SP-15		<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-16 2002-06-24	5 . 0 . 0		get it	<i>remarks - general:</i>				
	edito 2002-07-19	5 . 0 . 1		get it	<i>remarks - this release:</i>	.			
	edito 2003-05-15	5 . 0 . 2		get it					
	SP-23	5 . 1 . 0							

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

TR 21.900 Technical Specification Group working methods

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version,
SP-16 2002-06-24 5 . 0 . 0
edito post SP-17 2002-09-18 5 . 0 . 1
SP-22 2004-01-14 5 . 1 . 0

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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SP-22: Fron now on, is null document pointing to equivalent in latest Release.
[get it](#)

TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 *current version:* 5.8.0
freeze_meeting: SP-15
history (event, available, version,
SP-12 2001-06-27 5 . 0 . 0
SP-13 2001-10-05 5 . 1 . 0
SP-14 2002-01-10 5 . 2 . 0
SP-15 2002-03-25 5 . 3 . 0
SP-16 2002-07-04 5 . 4 . 0
SP-17 2002-09-16 5 . 5 . 0
SP-19 2003-03-25 5 . 6 . 0
SP-20 2003-06-18 5 . 7 . 0
SP-21 2003-09-30 5 . 8 . 0

WG (prime / other): S1 / -
G: U: yes

rapporteur: ZARRI, Michele T-Mobile (UK) Ltd
MCC: CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[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 2002-07-19 5 . 0 . 0

WG (prime / other): S1 / -
G: yes U: yes

rapporteur: KOKKOLA, Tommi NOKIA Corporation
MCC: CLAYTON, Michael

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

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

TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 2002-07-04 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-14 2002-01-10 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#5				
	SP-15 2002-03-25 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
	SP-16 2002-07-04 5 . 2 . 0			get it					
<hr/>									
TS 22.004	General on supplementary services								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.011	Service accessibility								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	IBIDUN, Kunle	ORANGE PCS LTD			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-17 2002-09-17 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
<hr/>									
TS 22.016	International Mobile Equipment Identities (IMEI)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 2002-07-19 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 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	NGUYEN NGOC, Sebastien	France Telecom			
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, SP-17 2002-09-18 5 . 0 . 0</i>		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>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DEOL, Amar	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-16	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, SP-16 2002-07-19 5 . 0 . 0</i>			get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
					<i>remarks - this release:</i> .				
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	IGNATIUS, Jan	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, SP-16 2002-07-19 5 . 0 . 0</i>			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-18	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, SP-18 2003-01-06 5 . 0 . 0</i>		Technically identical to 43.031 v5.0.0.	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 &				
					<i>remarks - this release:</i> Created from 42.031 Rel-5. Rel-5 -> 22.031.				
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-16	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, SP-16 2002-06-24 5 . 0 . 0</i>			get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).				
					<i>remarks - this release:</i> .				

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TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1								
Rel-5	<i>current version:</i> 5.0.0		<i>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 2002-07-19	5 . 0 . 0							
			get it	<i>remarks - general:</i> Transfer>TSG#4					
				<i>remarks - this release:</i> .					
<hr/>									
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited			
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-09 2000-10-18	5 . 0 . 0							
	SP-10 2001-01-08	5 . 1 . 0							
	SP-12 2001-06-27	5 . 2 . 0							
	SP-20 2003-06-18	5 . 3 . 0							
	SP-22 2004-01-06	5 . 4 . 0							
			get it	<i>remarks - general:</i> Transfer>TSG#4					
			get it	<i>remarks - this release:</i> .					
			get it						
			get it						
			get it						
<hr/>									
TS 22.041	Operator Determined Call Barring								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WATSON, John		VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-16 2002-07-19	5 . 0 . 0							
			get it	<i>remarks - general:</i> Transfer>TSG#4					
				<i>remarks - this release:</i> .					
<hr/>									
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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 2002-07-19	5 . 0 . 0							
	SP-20 2003-06-18	5 . 1 . 0							
			get it	<i>remarks - general:</i> Transfer>TSG#4					
			get it	<i>remarks - this release:</i> .					
<hr/>									
TS 22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel		MOTOROLA Ltd			
	<i>freeze_meeting:</i> TP-20		G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana					
	<i>history (event, available, version,</i>								
	TP-20 2003-06-23	5 . 0 . 0							
			get it	<i>remarks - general:</i> TP-12: was previously 42.048.					
				<i>remarks - this release:</i> .					

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TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 2002-06-28 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 2000-10-18 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	SP-11 2001-04-02 5 . 1 . 0	get it	<i>remarks - this release:</i> Environment (MExE); Stage 1".			
	SP-13 2001-10-05 5 . 2 . 0	get it				
	SP-15 2002-03-25 5 . 3 . 0	get it				
	edito post SP-15 2002-04-04 5 . 3 . 1	get it				
	SP-16 2002-07-04 5 . 4 . 0	get it				
<hr/>						
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-13 2001-10-05 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 2002-03-25 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-16 2002-07-04 5 . 2 . 0	get it				
	SP-19 2003-03-25 5 . 3 . 0	get it				
<hr/>						
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 2002-07-19 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-20 2003-06-18 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>									
SP-16	2002-07-19	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> 5.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DEOL, Amar	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>									
SP-14	2002-01-10	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15	2002-03-25	5 . 1 . 0	get it	<i>remarks - this release:</i> .				
edito post	SP-15	2002-04-04	5 . 1 . 1	get it					
	SP-21	2003-09-30	5 . 2 . 0	get it					
	SP-22	2004-01-06	5 . 3 . 0	get it					
	SP-23		5 . 4 . 0						
<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>	HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>									
SP-16	2002-07-19	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.076	Noise suppression for the AMR codec; Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>									
SP-16	2002-06-28	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.13.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 2000-11-09	5 . 0 . 0	unclear how to implement CR	get it	<i>remarks - general:</i>	
	SP-10 2001-01-08	5 . 1 . 0		get it	<i>remarks - this release:</i>	
	SP-11 2001-04-02	5 . 2 . 0		get it		
	SP-12 2001-06-27	5 . 3 . 0		get it		
	SP-13 2001-10-05	5 . 4 . 0		get it		
	SP-14 2002-01-10	5 . 5 . 0		get it		
	SP-15 2002-03-25	5 . 6 . 0		get it		
	SP-16 2002-07-04	5 . 7 . 0		get it		
	SP-17 2002-09-17	5 . 8 . 0		get it		
	SP-18 2002-12-18	5 . 9 . 0		get it		
	edito (fix missing headers/footers)	2003-01-07	5 . 9 . 1	get it		
	SP-19 2003-03-25	5 . 10 . 0		get it		
	SP-21 2003-09-30	5 . 11 . 0		get it		
	SP-22 2004-01-06	5 . 12 . 0		get it		
	SP-23	5 . 13 . 0				
<hr/>						
TS 22.079	Support of optimal routing; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 2002-07-19	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.081	Line Identification supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<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 2002-07-19	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	

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TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	IBIDUN, Kunle	ORANGE PCS LTD			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.084	MultiParty (MPY) supplementary service; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BLOMSTRAND, Ola	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DEOL, Amar	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				

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TS 22.087	User-to-user signalling (UUS); Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 2002-07-19 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.088	Call Barring (CB) supplementary services; Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 2002-07-19 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	IGNATIUS, Jan	NOKIA Corporation			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 2002-07-19 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 2002-07-19 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				
<hr/>									
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, 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 2002-07-19 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4				
					remarks - this release: .				

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TS 22.094	Follow Me service description - Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-16 2002-07-19 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to			
			<i>remarks - this release:</i> . scrap 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.			
<hr/>						
TS 22.096	Name identification supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-16 2002-07-19 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> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-16 2002-07-19 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:* 5.13.0

freeze_meeting: SP-15

history (event, available, version,

SP-09	2000-10-18	5	.	0	.	0
SP-10	2001-01-08	5	.	1	.	0
SP-11	2001-04-02	5	.	2	.	0
SP-12	2001-06-27	5	.	3	.	0
SP-13	2001-10-05	5	.	4	.	0
SP-15	2002-03-25	5	.	5	.	0
SP-16	2002-07-04	5	.	6	.	0
SP-17	2002-09-17	5	.	7	.	0
SP-18	2002-12-18	5	.	8	.	0
SP-19	2003-03-25	5	.	9	.	0
SP-20	2003-06-18	5	.	10	.	0
SP-21	2003-09-30	5	.	11	.	0
SP-22	2004-01-06	5	.	12	.	0
SP-23		5	.	13	.	0

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

Nortel Networks (USA)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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TS 22.105 Services and service capabilities

Rel-5 *current version:* 5.2.0

freeze_meeting: SP-15

history (event, available, version,

SP-13	2001-10-05	5	.	0	.	0
SP-15	2002-03-25	5	.	1	.	0
SP-16	2002-07-04	5	.	2	.	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](#)

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	2001-10-12	5	.	0	.	0
-------	------------	---	---	---	---	---

WG (prime / other): T3 / - *rapporteur:* MEYER, Michael
G: *U:* yes *MCC:* JURISIC, Andrijana

GIESECKE & DEVRIENT GmbH

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

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TS 22.115	Service Aspects Charging and billing								
Rel-5	<i>current version:</i> 5.4.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SCARRONE, Enrico	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>	
	SP-12 2001-06-27	5	.	1	.	0	get it	<i>remarks - this release:</i>	
	SP-15 2002-03-28	5	.	2	.	0	get it		
	SP-20 2003-06-18	5	.	3	.	0	get it		
	SP-22 2004-01-06	5	.	4	.	0	get it		
<hr/>									
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1								
Rel-5	<i>current version:</i> 5.3.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment;
	SP-12 2001-06-27	5	.	1	.	0	get it	<i>remarks - this release:</i>	Stage 1". SP-16: converted from TS to TR.
	SP-14 2002-01-10	5	.	2	.	0	get it		
	SP-15 2002-03-28	5	.	3	.	0	get it		
	SP-16 2002-07-19	5	.	3	.	1	get it		Converted from TS to TR.
<hr/>									
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1								
Rel-5	<i>current version:</i> 5.5.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-27	5	.	0	.	0	get it	<i>remarks - general:</i>	
	SP-13 2001-10-05	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
	edito 2001-10-09	5	.	1	.	1	get it		
	SP-14 2002-01-10	5	.	2	.	0	get it		
	SP-15 2002-03-29	5	.	3	.	0	get it		
	SP-16 2002-07-04	5	.	4	.	0	get it		
	SP-18 2002-12-18	5	.	5	.	0	get it		

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TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems							
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick	ORANGE SA		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i>							
	SP-13 2001-10-05	5	.	0	.	0	get it	<i>remarks - general:</i>
	SP-14 2002-01-10	5	.	1	.	0	get it	<i>remarks - this release:</i> .
	SP-16 2002-07-04	5	.	2	.	0	get it	
TS 22.135	Multicall; 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	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i>							
	SP-16 2002-07-19	5	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i> .
TS 22.140	Multimedia Messaging Service (MMS); Stage 1							
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	MEYER, Juergen	SIEMENS AG		
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i>							
	SP-14 2002-01-10	5	.	0	.	0	get it	<i>remarks - general:</i> (development in T2)
	SP-15 2002-03-28	5	.	1	.	0	get it	<i>remarks - this release:</i> .
	SP-16 2002-07-04	5	.	2	.	0	get it	
	SP-17 2002-09-17	5	.	3	.	0	get it	
	SP-18 2002-12-20	5	.	4	.	0	get it	
TS 22.226	Global text telephony (GTT); Stage 1: Service description							
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i>							
	SP-09 2000-11-27	1	.	0	.	0	get it	<i>remarks - general:</i> SP-16: to "GERAN" set.
	SP-12 2001-06-27	2	.	0	.	0	get it	<i>remarks - this release:</i> WI approved TSG#7
	SP-12 2001-06-27	5	.	0	.	0	get it	
	SP-13 2001-10-05	5	.	1	.	0	get it	
	SP-15 2002-03-28	5	.	2	.	0	get it	

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

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

history (event, available, version,
SP-09 2000-09-28 1 . 0 . 0 [get it](#) *remarks - general:*
SP-10 2001-01-12 5 . 0 . 0 [get it](#) *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.
SP-11 2001-04-02 5 . 1 . 0 [get it](#)
SP-12 2001-06-27 5 . 2 . 0 [get it](#)
SP-13 2001-10-05 5 . 3 . 0 [get it](#)
SP-14 2002-01-10 5 . 4 . 0 [get it](#)
SP-15 2002-03-28 5 . 5 . 0 [get it](#)
SP-16 2002-07-19 5 . 6 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / *rapporteur:* WATSON, John 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 2002-01-02 1 . 0 . 0 SP-010733 [get it](#)
SP-15 2002-03-19 2 . 0 . 0 SP-020062 [get it](#)
SP-15 2002-03-27 5 . 0 . 0 [get it](#)

TR 22.944 Service requirements for UE functionality split

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

history (event, available, version,
SP-14 2002-01-02 1 . 0 . 0 SP-010679, SP-020064 [get it](#) *remarks - general:*
SP-15 2002-03-19 2 . 0 . 0 SP-020064 [get it](#) *remarks - this release:* .
SP-15 2002-04-02 5 . 0 . 0 Not fit for SDO publication. Contains [get it](#)
many editor's notes.
SP-16 2002-07-04 5 . 1 . 0 [get it](#)

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

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TS 23.002 Network architecture

Rel-5 *current version:* 5.12.0

freeze_meeting: SP-15

history (event, available, version,

SP-09	2000-10-18	5	.	0	.	0
SP-10	2000-12-21	5	.	1	.	0
SP-11	2001-04-06	5	.	2	.	0
SP-12	2001-07-12	5	.	3	.	0
SP-13	2001-10-12	5	.	4	.	0
SP-14	2002-01-07	5	.	5	.	0
SP-15	2002-04-02	5	.	6	.	0
SP-16	2002-06-17	5	.	7	.	0
SP-17	2002-09-24	5	.	8	.	0
SP-18	2003-01-10	5	.	9	.	0
SP-19	2003-03-27	5	.	10	.	0
SP-20	2003-06-20	5	.	11	.	0
SP-21	2003-10-01	5	.	12	.	0

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: SULTAN, Alain

MCC: YOON, Sang-Ui

SOURCE COM

[get it](#)

remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

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[get it](#)

[get it](#)

[get it](#)

TS 23.003 Numbering, addressing and identification

Rel-5 *current version:* 5.8.0

freeze_meeting: NP-15

history (event, available, version,

NP-12	2001-06-27	5	.	0	.	0
NP-13	2001-10-03	5	.	1	.	0
NP-14	2002-01-11	5	.	2	.	0
NP-16	2002-06-21	5	.	3	.	0
NP-17	2002-09-17	5	.	4	.	0
NP-18	2003-01-07	5	.	5	.	0
post NP-18 fix	2003-01-10	5	.	5	.	1
corrupted figures						
pp24 ff						
NP-20	2003-06-27	5	.	6	.	0
NP-21	2003-10-09	5	.	7	.	0
NP-22	2004-01-12	5	.	8	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: RUSSELL, Nick

MCC: KYMALAINEN, Kimmo

VODAFONE LTD

[get it](#)

remarks - general:

remarks - this release: .

[get it](#)

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TS 23.007 Restoration procedures

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 2002-06-21 5 . 0 . 0
NP-22 2004-01-12 5 . 1 . 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:* .

TS 23.008 Organisation of subscriber data

Rel-5 *current version:* 5.7.0
freeze_meeting: NP-15
history (event, available, version,
NP-15 2002-03-28 5 . 0 . 0
NP-16 2002-06-21 5 . 1 . 0
NP-17 2002-09-17 5 . 2 . 0
NP-18 2003-01-07 5 . 3 . 0
NP-19 2003-04-04 5 . 4 . 0
NP-20 2003-06-27 5 . 5 . 0
NP-21 2003-10-09 5 . 6 . 0
NP-22 2004-01-12 5 . 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](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.009 Handover procedures

Rel-5 *current version:* 5.8.0
freeze_meeting: NP-15
history (event, available, version,
NP-14 2002-01-08 5 . 0 . 0
NP-16 2002-06-20 5 . 1 . 0
NP-17 2002-09-17 5 . 2 . 0
NP-18 2003-01-02 5 . 3 . 0
NP-19 2003-03-24 5 . 4 . 0
NP-20 2003-06-27 5 . 5 . 0
NP-21 2003-10-10 5 . 6 . 0
NP-22 2004-01-05 5 . 7 . 0
NP-23 5 . 8 . 0

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Ericsson Incorporated
G: yes U: yes *MCC:* Rouzbeh JORGENSEN, Per Johan
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
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TS 23.011	Technical realization of Supplementary Services								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
<i>history (event, available, version,</i>									
	NP-16 2002-06-24	5	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
TS 23.012	Location management procedures								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> NP-15								
<i>history (event, available, version,</i>									
	NP-15 2002-03-28	5	.	0	.	0			
	NP-20 2003-07-01	5	.	1	.	0			
	NP-21 2003-10-09	5	.	2	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
							get it		
TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> NP-15								
<i>history (event, available, version,</i>									
	NP-16 2002-06-26	5	.	0	.	0			
	NP-17 2002-09-17	5	.	1	.	0			
							get it	<i>remarks - general:</i>	Should not be in UMTS ????
							get it	<i>remarks - this release:</i>	.
TS 23.015	Technical realization of Operator Determined Barring (ODB)								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
<i>history (event, available, version,</i>									
	NP-16 2002-06-24	5	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
TS 23.016	Subscriber data management; Stage 2								
Rel-5	<i>current version:</i> 5.3.0								
	<i>freeze_meeting:</i> NP-15								
<i>history (event, available, version,</i>									
	NP-15 2002-03-28	5	.	0	.	0			
	NP-16 2002-06-21	5	.	1	.	0			
	NP-17 2002-09-17	5	.	2	.	0			
	NP-23	5	.	3	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
							get it		

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TS 23.018	Basic Call Handling; Technical realization								
Rel-5	<i>current version:</i> 5.9.0 <i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-12 2001-06-27	5	.	0	.	0	get it	<i>remarks - general:</i>	
	NP-13 2001-10-03	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
	NP-14 2002-01-16	5	.	2	.	0	get it		
	NP-15 2002-03-28	5	.	3	.	0	get it		
	NP-17 2002-09-17	5	.	4	.	0	get it		
	NP-18 2003-01-07	5	.	5	.	0	get it		
	NP-19 2003-04-04	5	.	6	.	0	get it		
	NP-20 2003-06-27	5	.	7	.	0	get it		
	NP-21 2003-10-09	5	.	8	.	0	get it		
	NP-23	5	.	9	.	0			
TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-18								
	<i>history (event, available, version,</i>								
	SP-18 2003-01-06	5	.	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>freeze_meeting:</i> SP-19								
	<i>history (event, available, version,</i>								
	SP-19 2003-03-27	5	.	0	.	0	get it	<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>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 2002-06-26	5	.	0	.	0	get it	<i>remarks - general:</i>	
	NP-18 2002-12-18	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
	NP-19 2003-03-24	5	.	2	.	0	get it		

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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: yes U: yes</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	SP-16 2002-06-24 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 2002-09-18 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	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	TP-15 2002-03-21 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	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	TP-16 2002-07-02 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> 5.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	NP-12 2001-07-05 5 . 0 . 0	get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.		
	TP-13 2001-10-03 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	TP-14 2002-01-11 5 . 2 . 0	get it			
	TP-15 2002-03-26 5 . 3 . 0	get it			
	TP-16 2002-07-05 5 . 4 . 0	get it			
	TP-17 2002-09-18 5 . 5 . 0	get it			
	post TP-17: adds 2002-09-24 5 . 5 . 1	get it			
	test vector file				
	TP-20 2003-06-26 5 . 6 . 0	get it	figures 15h & g illegible		
	TP-20 2003-10-03 5 . 6 . 1	get it	fixes illegible figures		
	TP-23 5 . 7 . 0				

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TS 23.041	Technical realization of Cell Broadcast Service (CBS)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> TP-16	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-16 2002-06-26 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	TP-19 2003-03-24 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	TP-22 2004-01-09 5 . 2 . 0	get it				
<hr/>						
TS 23.042	Compression algorithm for SMS					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-16 2002-06-26 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2					
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	TP-12 2001-07-06 5 . 0 . 0	get it	<i>remarks - general:</i> TP-12: replaces 43.048. TP-15: For test spec, see 31.048,			
	TP-13 2001-10-12 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	TP-14 2002-01-17 5 . 2 . 0	get it				
	TP-15 2002-03-28 5 . 3 . 0	get it				
	TP-17 2002-09-23 5 . 4 . 0	get it				
	TP-18 2003-01-02 5 . 5 . 0	get it				
	TP-19 2003-03-26 5 . 6 . 0	get it				
	TP-20 2003-06-23 5 . 7 . 0	get it				
	TP-22 2004-01-12 5 . 8 . 0	get it				
<hr/>						
TS 23.053	Tandem Free Operation (TFO); Service description; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / S2	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA 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 2002-06-28 5 . 0 . 0	get it	<i>remarks - general:</i> No draft.			
			<i>remarks - this release:</i> .			

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TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-5	<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 2002-03-25	5 . 0 . 0		get it	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.			
	TP-17 2002-09-18	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> 5.8.0	<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 2002-01-08	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-15 2002-04-05	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
	SP-16 2002-06-17	5 . 2 . 0		get it					
	SP-17 2002-10-02	5 . 3 . 0		get it					
	SP-18 2003-01-10	5 . 4 . 0		get it					
					Seems that approved CR418 was not implemented.				
	SP-19 2003-03-27	5 . 5 . 0		get it					
	SP-20 2003-06-20	5 . 6 . 0		get it					
	SP-22 2004-01-06	5 . 7 . 0		get it					
	SP-23	5 . 8 . 0							
<hr/>									
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2								
Rel-5	<i>current version:</i> 5.3.0	<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 2002-06-24	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4, CR at TSG#5			
	NP-20 2003-06-27	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
	NP-21 2003-10-09	5 . 2 . 0		get it					
	NP-22 2004-01-12	5 . 3 . 0		get it					
<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 2002-06-24	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
<hr/>									

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TS 23.072 Call Deflection Supplementary Service; Stage 2

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

WG (prime / other): N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

Rel-5 *current version:* 5.7.0
freeze_meeting: NP-16
history (event, available, version,
NP-16 2002-06-17 5 . 0 . 0
NP-17 2002-09-17 5 . 1 . 0
NP-18 2002-12-18 5 . 2 . 0
NP-19 2003-03-25 5 . 3 . 0
NP-20 2003-06-20 5 . 4 . 0
NP-21 2003-09-29 5 . 5 . 0
remove redundant 2003-10-08 5 . 5 . 1
SDL files
NP-22 2004-01-06 5 . 6 . 0
NP-23 5 . 7 . 0

WG (prime / other): N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
G: yes U: yes *MCC:* JURISIC, Andrijana

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

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

Rel-5 *current version:* 5.4.0
freeze_meeting: NP-15
history (event, available, version,
NP-15 2002-03-28 5 . 0 . 0
NP-16 2002-06-21 5 . 1 . 0
NP-18 2003-01-07 5 . 2 . 0
NP-21 2003-10-09 5 . 3 . 0
NP-22 2004-01-12 5 . 4 . 0

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

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

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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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 2002-09-17 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-19 2003-04-04 5 . 2 . 0	get it				
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 2002-06-21 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-15 2002-03-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 2002-09-17 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
TS 23.084	MultiParty (MPPTY) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-12 2001-06-27 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 2002-06-24 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 2002-06-24 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 2002-06-24 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 2002-06-21 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 2002-09-17 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2
Rel-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 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.094 Follow Me Stage 2
Rel-5 *current version:* 5.0.1 *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 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5
post NP-16 edito: 2002-07-01 5 . 0 . 1 [get it](#) *remarks - this release:* .
make fig 5.1

TS 23.096 Name Identification Supplementary Service; Stage 2
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2
Rel-5 *current version:* 5.0.0 *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-16 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
remarks - this release: .

TS 23.101 General UMTS Architecture
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S2 / - *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson
freeze_meeting: SP-22 *G: U: yes* *MCC:* YOON, Sang-Ui
history (event, available, version,
Upgrade to Rel-4 2004-01-22 5 . 0 . 0 Technically = v4.0.0 [get it](#) *remarks - general:*
Correct illegible 2004-01-27 5 . 0 . 1 [get it](#) *remarks - this release:* .
figures

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TS 23.107 Quality of Service (QoS) concept and architecture

Rel-5 *current version:* 5.12.0

freeze_meeting: SP-15

history (event, available, version,

SP-11	2001-04-11	5	.	0	.	0
SP-12	2001-06-29	5	.	1	.	0
SP-13	2001-10-12	5	.	2	.	0
SP-14	2002-01-07	5	.	3	.	0
SP-15	2002-04-07	5	.	4	.	0
SP-16	2002-06-17	5	.	5	.	0
SP-17	2002-09-24	5	.	6	.	0
SP-18	2003-01-10	5	.	7	.	0
SP-19	2003-03-27	5	.	8	.	0
SP-20	2003-06-26	5	.	9	.	0
SP-21	2003-10-01	5	.	10	.	0
SP-22	2004-01-06	5	.	11	.	0
SP-23		5	.	12	.	0

WG (prime / other): S2 / - *rapporteur:* GREIS, Marc
G: yes *U:* yes *MCC:* YOON, Sang-Ui

NOKIA Corporation

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

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

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

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-16

history (event, available, version,

NP-16	2002-06-28	5	.	0	.	0
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WG (prime / other): N1 / - *rapporteur:* DOIG, Ian
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

MOTOROLA S.A.S

[get it](#) *remarks - general:* This is clause 7 from 04.08 ex R98.

remarks - this release: 2002-04-15: N1-23 decision to continue to Rel-5.

TS 23.110 UMTS Access Stratum Services and Functions

Rel-5 *current version:* 5.0.0

freeze_meeting: SP-22

history (event, available, version,

upgrade to Rel-5	2003-10-09	5	.	0	.	0
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following SP-21

Created when discovered it was missing post SP-21. To be ratified

WG (prime / other): S2 / - *rapporteur:* LOPEZ-TORRES, Oscar
G: yes *U:* yes *MCC:* YOON, Sang-Ui

T-MOBILE DEUTSCHLAND

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

remarks - this release: .

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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		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-16 2002-06-24 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		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-16 2002-06-24 5 . 0 . 0		get it	<i>remarks - general:</i> New after TSG#5					
				<i>remarks - this release:</i> .					
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu		NOKIA Corporation			
	<i>freeze_meeting:</i> NP-15		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	NP-16 2002-06-24 5 . 0 . 0		get it	<i>remarks - general:</i> 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of					
	NP-17 2002-09-17 5 . 1 . 0		get it	<i>remarks - this release:</i> . R98 features.					
	NP-18 2002-12-18 5 . 2 . 0		get it						
	NP-21 2003-10-10 5 . 3 . 0		get it						
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD,		ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i> SP-15		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	SP-14 2002-01-07 5 . 0 . 0		get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.					
	SP-15 2002-04-05 5 . 1 . 0		get it	<i>remarks - this release:</i> .					
	SP-16 2002-06-17 5 . 2 . 0		get it						
<hr/>									
TS 23.135	Multicall supplementary service; Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo		NTT COMWARE Corporation			
	<i>freeze_meeting:</i> NP-15		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-16 2002-06-24 5 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					

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

Rel-5 *current version:* 5.10.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef INFINEON TECHNOLOGIES
freeze_meeting: TP-15 G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-13	2001-10-05	5	.	0	.	0	
TP-14	2002-01-11	5	.	1	.	0	
TP-15	2002-03-29	5	.	2	.	0	
TP-16	2002-07-05	5	.	3	.	0	
TP-17	2002-09-30	5	.	4	.	0	
TP-18	2002-12-20	5	.	5	.	0	
TP-19	2003-03-31	5	.	6	.	0	
TP-20	2003-06-25	5	.	7	.	0	
TP-21	2003-10-03	5	.	8	.	0	
TP-22	2004-01-12	5	.	9	.	0	
TP-23		5	.	10	.	0	

remarks - general: 2003-12-03: Note that this spec also contains stage 3.
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. 2004-01-12: (Rodermund) WAP Forum (now

OMA) elements for MMS Rel-5 are ready.

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Schema delivered 2002-07-07 (uploaded -19) to http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1
 Schema v1.1 uploaded 2002-11-14.
 Schema v1.2 (REL-5-MM7-1-2.xsd) uploaded 2003-01-08 and version without file extension 2003-01-14.

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

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

history (event, available, version,

NP-16	2002-06-28	5	.	0	.	0	
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remarks - general:
remarks - this release: .

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

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.7.0 *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 2002-03-28 5 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
NP-16 2002-06-21 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-17 2002-09-18 5 . 2 . 0 [get it](#)
NP-18 2003-01-09 5 . 3 . 0 [get it](#)
NP-19 2003-04-04 5 . 4 . 0 [get it](#)
NP-20 2003-06-27 5 . 5 . 0 [get it](#)
NP-21 2003-10-09 5 . 6 . 0 [get it](#)
NP-23 5 . 7 . 0

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version,
draft 2002-04-18 1 . 0 . 0 [get it](#) *remarks - general:*
NP-16 2002-06-25 2 . 0 . 0 NP-020168 [get it](#) *remarks - this release:* .
NP-16 2002-06-28 5 . 0 . 0 [get it](#)
NP-18 2003-01-09 5 . 1 . 0 [get it](#)
NP-21 2003-10-03 5 . 2 . 0 [get it](#)
NP-22 2004-01-15 5 . 3 . 0 [get it](#)
NP-23 5 . 4 . 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

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: SP-20 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 2003-03-24 0 . 1 . 0 [get it](#) *remarks - general:* Created as a result of 23.895.
SP-19 2003-03-24 1 . 0 . 0 SP-030030. Also RP-030195 at RP-10. [get it](#) *remarks - this release:* SP-20: approved as a Rel-5 document, not Rel-6.
S2-32 1 . 2 . 0 S2-031951 (inc in RP-030234)
draft 1 . 3 . 0 Tech identical to v1.2.0; S2-031953
SP-20 2 . 0 . 0 SP-030314
SP-20 2003-06-17 2 . 1 . 0 SP-030335; incorporates RP-20 [get it](#)
decisions re IMEISV vs bitmap
resolved (ie remove IMEISV)
SP-20 2003-06-20 5 . 0 . 0 [get it](#)
SP-21 2003-10-01 5 . 1 . 0 [get it](#)
SP-22 2004-01-06 5 . 2 . 0 [get it](#)
SP-23 5 . 3 . 0

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

Rel-5 *current version:* 5.7.0 *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 2002-01-10 5 . 0 . 0 [get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.
NP-15 2002-03-28 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 2002-06-21 5 . 2 . 0 [get it](#)
NP-17 2002-09-18 5 . 3 . 0 [get it](#)
NP-18 2003-01-07 5 . 4 . 0 [get it](#)
NP-19 2003-04-04 5 . 5 . 0 [get it](#)
NP-20 2003-06-27 5 . 6 . 0 [get it](#)
NP-23 5 . 7 . 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

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

Rel-5 *current version:* 5.9.0
freeze_meeting: SP-15
history (event, available, version,

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

Nippon Ericsson K.K.

SP-12		2	.	0	.	0	SP-010337
SP-12	2001-07-02	5	.	0	.	0	
SP-13	2001-10-15	5	.	1	.	0	
SP-14	2002-01-07	5	.	2	.	0	
SP-15	2002-04-05	5	.	3	.	0	
SP-16	2002-06-18	5	.	4	.	0	
SP-17	2002-09-24	5	.	5	.	0	
SP-18	2003-01-10	5	.	6	.	0	
SP-19	2003-03-27	5	.	7	.	0	
SP-20	2003-06-20	5	.	8	.	0	
SP-23		5	.	9	.	0	

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

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

Rel-5 *current version:* 5.7.0
freeze_meeting: NP-15
history (event, available, version,

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

draft	2001-03-30	0	.	5	.	0	
draft	2001-08-20	0	.	5	.	2	
draft	2001-09-11	0	.	6	.	0	
draft	2001-10-10	0	.	7	.	0	
draft	2001-11-05	0	.	8	.	0	
draft	2001-11-19	0	.	9	.	0	
NP-14	2001-12-05	1	.	0	.	0	NP-010640
draft	2002-01-22	1	.	1	.	0	
draft	2002-02-06	1	.	2	.	0	
draft	2002-02-26	2	.	0	.	0	
NP-15	2002-03-19	2	.	0	.	1	NP-020047
NP-15	2002-03-19	5	.	0	.	0	
NP-16	2002-06-25	5	.	1	.	0	
NP-17	2002-09-17	5	.	2	.	0	
NP-18	2002-12-18	5	.	3	.	0	
NP-19	2003-03-24	5	.	4	.	0	
NP-20	2003-07-03	5	.	5	.	0	
NP-21	2003-09-30	5	.	6	.	0	
NP-22	2004-01-06	5	.	7	.	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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TS 23.221 Architectural requirements

Rel-5 *current version:* 5.9.0
freeze_meeting: SP-15
history (event, available, version,

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

SP-11	2001-04-06	5	.	0	.	0	
SP-12	2001-07-02	5	.	1	.	0	
SP-13	2001-10-12	5	.	2	.	0	
SP-14	2002-01-07	5	.	3	.	0	
SP-15	2002-04-05	5	.	4	.	0	
SP-16	2002-06-18	5	.	5	.	0	
SP-17	2002-10-02	5	.	6	.	0	
SP-18	2003-01-10	5	.	7	.	0	
SP-21	2003-10-01	5	.	8	.	0	
SP-23		5	.	9	.	0	

[get it](#) *remarks - general:* Derived from R99-specific 23.121
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-12 2 . 0 . 0 SP-010336 *remarks - general:* 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.
SP-12 2001-06-29 5 . 0 . 0 [get it](#) *remarks - this release:* WI approved TSG#7
SP-14 2002-01-07 5 . 1 . 0 [get it](#)
SP-15 2002-04-05 5 . 2 . 0 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: TP-15 *G:* U: yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-14 2002-01-11 5 . 0 . 0 [get it](#) *remarks - general:*
TP-15 2002-03-26 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 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5 *current version:* 5.12.0

freeze_meeting: SP-15

history (event, available, version,

draft 2000-11-30 1 . 0 . 0

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

draft 2001-02-06 1 . 7 . 0

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

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

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

repair of lost 5 . 2 . 1

figures

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

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

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

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

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

SP-18 2003-01-07 5 . 7 . 0

SP-19 2003-03-27 5 . 8 . 0

SP-20 2003-06-20 5 . 9 . 0

SP-21 2003-10-01 5 . 10 . 0

SP-22 2004-01-06 5 . 11 . 0

SP-23 5 . 12 . 0

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: TOWLE, Thomas

MCC: YOON, Sang-Ui

Lucent Technologies

[get it](#)

remarks - general:

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

Rel-5 *current version:* 5.2.0

freeze_meeting: SP-15

history (event, available, version,

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

draft 2001-08-16 1 . 1 . 0

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

SP-13 2 . 1 . 0 not made available

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

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

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

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: TERRILL, Stephen

MCC: YOON, Sang-Ui

Telefon AB LM Ericsson

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remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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

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

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

Rel-5 *current version:* 5.10.0 *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	2001-10-15	5	.	0	.	0	get it	<i>remarks - general:</i>	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
SP-14	2002-01-07	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
SP-15	2002-03-29	5	.	2	.	0	get it		
SP-16	2002-06-18	5	.	3	.	0	get it		
SP-17	2002-09-24	5	.	4	.	0	get it		
SP-18	2003-01-09	5	.	5	.	0	get it		
SP-19	2003-03-27	5	.	6	.	0	get it		
SP-20	2003-06-23	5	.	7	.	0	get it		
SP-21	2003-10-02	5	.	8	.	0	get it		
SP-22	2004-01-06	5	.	9	.	0	get it		
SP-23		5	.	10	.	0			

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

Rel-5 *current version:* 5.5.0 *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	2002-01-02	1	.	0	.	0	NP-010586	get it	<i>remarks - general:</i>	2001-10-26: renumbered from 23.178.
NP-15	2002-03-19	1	.	1	.	0	NP-020059	get it	<i>remarks - this release:</i>	Was briefly 23.178. CAMEL Phase 4.
NP-16	2002-06-26	2	.	0	.	0	NP-020207 - not approved	get it		
NP-17	2002-09-24	2	.	1	.	0	NP-020348	get it		
NP-17	2002-09-17	5	.	0	.	0		get it		
NP-18	2003-01-10	5	.	1	.	0		get it		
NP-19	2003-03-25	5	.	2	.	0		get it		
NP-20	2003-06-20	5	.	3	.	0		get it		
NP-21	2003-09-29	5	.	4	.	0		get it		
NP-22	2004-01-05	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 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.815	Charging implications of IMS architecture								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 0	2001-08		<i>remarks - general:</i> Was 23.915.				
	S2-19	0 . 1 . 0	2001-10		<i>remarks - this release:</i> 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).				
	S2-20	2001-11-20	0 . 2 . 0	get it					
	S2-21	2001-12-04	0 . 3 . 0	get it					
	SP-14	2002-01-11	1 . 0 . 0	SP-010718	get it				
	SP-15	2002-03-19	2 . 0 . 0	SP-020144	get it				
	SP-15	2002-04-05	5 . 0 . 0		get it				

TR 23.871	Enhanced support for user privacy in Location Services (LCS)								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> 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	2002-01-02	1 . 0 . 0	SP-010717	get it				
	S2-23	1 . 2 . 0							
	draft	2002-03-19	1 . 3 . 0		get it				
	SP-15	2 . 0 . 0	not presented						
	SP-16	2002-07-22	2 . 1 . 0	SP-020379	get it				
	SP-16	2002-07-25	5 . 0 . 0		get it				

TR 23.875	Support of Push service								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UDA, Nobuyuki	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-13	2001-10-16	5 . 0 . 0	derived from SP-010508	get it	<i>remarks - general:</i> SP-13: changed number from 23.974.			
	SP-14	2002-04-04	5 . 1 . 0		get it	<i>remarks - this release:</i> .			

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

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

TR 23.910 Circuit switched data bearer services

Rel-5 *current version:* 5.4.0
freeze_meeting: NP-15
history (event, available, version,
NP-14 2002-01-11 5 . 0 . 0
NP-17 2002-09-17 5 . 1 . 0
NP-18 2003-01-06 5 . 2 . 0
NP-19 2003-03-27 5 . 3 . 0
NP-21 2003-10-01 5 . 4 . 0

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

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

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

Rel-5 *current version:* 5.1.1
freeze_meeting: NP-15
history (event, available, version,
NP-16 2002-06-28 5 . 0 . 0
NP-19 2003-03-24 5 . 1 . 0
correction of typo 2003-06-02 5 . 1 . 1
on cover page

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

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

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 2002-06-24 5 . 0 . 0
NP-17 2002-09-17 5 . 1 . 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:* .

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 *current version:* 5.11.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-12 2001-07-13 5 . 0 . 0 [get it](#) *remarks - general:*
NP-13 2001-10-05 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-14 2002-01-10 5 . 2 . 0 [get it](#)
NP-15 2002-03-21 5 . 3 . 0 [get it](#)
NP-16 2002-06-24 5 . 4 . 0 [get it](#)
NP-17 2002-09-17 5 . 5 . 0 [get it](#)
NP-18 2002-12-18 5 . 6 . 0 [get it](#)
NP-19 2003-03-24 5 . 7 . 0 [get it](#)
NP-20 2003-07-04 5 . 8 . 0 [get it](#)
NP-21 2003-10-09 5 . 9 . 0 [get it](#)
NP-22 2004-01-12 5 . 10 . 0 [get it](#)
NP-23 5 . 11 . 0

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* Peter Skov
KYMALAINEN, Kimmo

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* Peter Skov
JORGENSEN, Per Johan

history (event, available, version,
NP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
NP-18 2002-12-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-20 2003-07-03 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 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-5	<i>current version:</i> 5.5.0		<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 2002-01-16	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 2003-01-06	5 . 1 . 0		get it	<i>remarks - this release:</i>	. Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and			
						the Base Station System - Mobile-services Switching Centre (BSS-MSC)			
	NP-19 2003-03-27	5 . 2 . 0		get it					
	NP-20 2003-06-23	5 . 3 . 0		get it					
	NP-21 2003-10-01	5 . 4 . 0		get it					
	NP-22 2004-01-13	5 . 5 . 0		get it					

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		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-15 2002-03-28	5 . 0 . 0		get it	<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.			
	NP-16 2002-06-21	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		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-16 2002-06-24	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		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-16 2002-06-24	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 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	NP-15 2002-03-28 5 . 0 . 0	get it		<i>remarks - general:</i>		
	NP-16 2002-06-21 5 . 1 . 0	get it		<i>remarks - this release:</i>		
	NP-17 2002-09-18 5 . 2 . 0	get it				
	NP-18 2003-01-07 5 . 3 . 0	get it				
	NP-21 2003-10-09 5 . 4 . 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	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	NP-16 2002-06-24 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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 2002-06-25 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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 2002-06-25 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD
	<i>freeze_meeting:</i> NP-15	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	NP-16 2002-06-25 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 24.085	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 2002-06-25 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 2002-06-25 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.087	User-to-User Signalling (UUS); Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 2002-06-25 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 2002-06-25 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 2002-06-25 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 24 .- series
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TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

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

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

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

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

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

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

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

TS 24.096 Name Identification Supplementary Service; Stage 3

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

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

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

TS 24.135 Multicall supplementary service; Stage 3

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

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

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

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

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

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

Rel-5	current version: 5.8.0	WG (prime / other):	N1 / -	rapporteur:	KISS, Krisztian
	freeze_meeting: NP-16	G: yes	U: yes	MCC:	JORGENSEN, Per Johan
<i>history (event, available, version,</i>					
NP-10	2001-01-05	0 . 1 . 0	N1-001114->1378 (NP-000683)	get it	remarks - general:
draft	2001-03-26	0 . 4 . 0		get it	remarks - this release:
draft	2001-04-18	0 . 5 . 0		get it	
NP-12	2001-06-26	1 . 0 . 0	NP-010278	get it	
draft		1 . 0 . 0	N1-17		
draft	2001-06-26	1 . 1 . 0	N1-010944	get it	
draft	2001-08-01	1 . 2 . 0	N1-011230	get it	
draft	2001-09-11	1 . 3 . 0	N1-011363	get it	
draft	2001-09-14	1 . 4 . 0	N1-011364	get it	
draft	2001-10-05	1 . 5 . 0	N1-011496	get it	
draft	2001-10-24	1 . 6 . 0	N1-011706	get it	
draft	2001-11-19	1 . 7 . 0		get it	
NP-14	2001-12-04	1 . 8 . 0	NP-010641	get it	
draft	2002-01-22	1 . 9 . 0		get it	
draft	2002-02-06	1 . 10 . 0		get it	
draft	2002-02-26	2 . 0 . 0		get it	
draft	2002-02-26	2 . 0 . 1		get it	
NP-15	2002-03-19	2 . 0 . 2	NP-020048	get it	
NP-15	2002-03-19	5 . 0 . 0	not yet frozen	get it	
NP-16	2002-07-16	5 . 1 . 0	Enormous CRs to create this version; take several man.weeks to accomplish	get it	
NP-17	2002-09-17	5 . 2 . 0		get it	
NP-18	2003-01-10	5 . 3 . 0		get it	
NP-19	2003-03-24	5 . 4 . 0		get it	
NP-20	2003-07-04	5 . 5 . 0		get it	
NP-21	2003-10-08	5 . 6 . 0		get it	
NP-22	2004-01-12	5 . 7 . 0		get it	
NP-23		5 . 8 . 0			

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

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

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

NP-10		0	.	0	.	6			
NP-10	2001-01-05	0	.	0	.	7	N1-001115->1379 (NP-000684)	get it	
draft	2001-03-26	0	.	1	.	0		get it	
draft	2001-05-10	0	.	2	.	0		get it	
draft	2001-06-26	0	.	3	.	0		get it	
draft	2001-07-26	0	.	4	.	0		get it	
draft	2001-09-12	0	.	5	.	0		get it	
draft	2001-10-09	0	.	6	.	0		get it	
draft	2001-10-24	0	.	7	.	0		get it	
draft	2001-11-19	0	.	8	.	0		get it	
NP-14	2001-12-06	1	.	0	.	0	NP-010642	get it	
draft	2002-01-22	1	.	1	.	0		get it	
draft	2002-02-06	1	.	2	.	0		get it	
draft	2002-02-06	1	.	2	.	1		get it	
draft	2002-02-27	2	.	0	.	0		get it	
NP-15	2002-03-19	2	.	0	.	2	NP-020049	get it	
NP-15	2002-03-19	5	.	0	.	0	not frozen	get it	
NP-16	2002-06-28	5	.	1	.	0	CR009 not implemented; expect further CR at NP-17 to remove it.	get it	
NP-17	2002-09-17	5	.	2	.	0		get it	
NP-18	2002-12-20	5	.	3	.	0		get it	
NP-19	2003-03-24	5	.	4	.	0		get it	
NP-20	2003-06-23	5	.	5	.	0		get it	
NP-21	2003-09-29	5	.	6	.	0		get it	
NP-22	2004-01-13	5	.	7	.	0		get it	
NP-23		5	.	8	.	0		get it	

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

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

G = required in systems with GERAN 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 25.101 User Equipment (UE) radio transmission and reception (FDD)

Rel-5 *current version:* 5.10.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-13	2001-10-03	5	.	0	.	0	get it	<i>remarks - general:</i>
RP-14	2002-01-14	5	.	1	.	0	get it	<i>remarks - this release:</i> .
RP-15	2002-03-29	5	.	2	.	0	get it	
RP-16	2002-07-01	5	.	3	.	0	get it	
RP-17	2002-10-04	5	.	4	.	0	get it	
RP-18	2003-01-10	5	.	5	.	0	get it	
RP-19	2003-04-04	5	.	6	.	0	get it	
RP-20	2003-06-27	5	.	7	.	0	get it	
RP-21	2003-10-10	5	.	8	.	0	get it	
RP-22	2004-01-23	5	.	9	.	0	get it	
RP-23		5	.	10	.	0		

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-15	2002-03-29	5	.	0	.	0	get it	<i>remarks - general:</i>
editor post RP-15	2002-04-15	5	.	0	.	1	get it	<i>remarks - this release:</i> .
RP-16	2002-07-01	5	.	1	.	0	get it	
RP-17	2002-10-02	5	.	2	.	0	get it	
RP-18	2003-01-10	5	.	3	.	0	get it	
RP-19	2003-04-04	5	.	4	.	0	get it	
RP-20	2003-06-27	5	.	5	.	0	get it	
RP-22	2004-01-20	5	.	6	.	0	get it	

Fixes change history table entry.

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

Rel-5 *current version:* 5.8.0

freeze_meeting: RP-15

history (event, available, version,

RP-13	2001-10-03	5	.	0	.	0
RP-14	2002-01-14	5	.	1	.	0
RP-15	2002-03-29	5	.	2	.	0
RP-16	2002-07-01	5	.	3	.	0
RP-17	2002-10-02	5	.	4	.	0
RP-18	2003-01-10	5	.	5	.	0
RP-19	2003-04-04	5	.	6	.	0
RP-20	2003-06-27	5	.	7	.	0
RP-22	2004-01-23	5	.	8	.	0

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

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

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

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

history (event, available, version,

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-07-01	5	.	1	.	0
RP-17	2002-10-02	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-22	2004-01-20	5	.	5	.	0

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

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

TS 25.106 UTRA repeater radio transmission and reception

Rel-5 *current version:* 5.7.0

freeze_meeting: RP-15

history (event, available, version,

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-07-01	5	.	1	.	0
RP-17	2002-10-02	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-21	2003-10-10	5	.	6	.	0
RP-22	2004-01-20	5	.	7	.	0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-15	2002-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>
edito	2002-04-19	5	.	0	.	1	get it	<i>remarks - this release:</i> .
RP-16	2002-07-01	5	.	1	.	0	get it	
RP-17	2002-10-02	5	.	2	.	0	get it	
RP-18	2003-01-10	5	.	3	.	0	get it	
RP-19	2003-04-04	5	.	4	.	0	get it	
RP-22	2004-01-23	5	.	5	.	0	get it	

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-15	2002-03-29	5	.	0	.	0	get it	<i>remarks - general:</i>
RP-16	2002-07-03	5	.	1	.	0	get it	<i>remarks - this release:</i> .
RP-17	2002-10-10	5	.	2	.	0	get it	
RP-18	2003-01-10	5	.	3	.	0	get it	
RP-19	2003-04-04	5	.	4	.	0	get it	
RP-20	2003-07-01	5	.	5	.	0	get it	
RP-21	2003-10-10	5	.	6	.	0	get it	
RP-22	2004-01-23	5	.	7	.	0	get it	
RP-23		5	.	8	.	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 25.133 Requirements for support of radio resource management (FDD)

Rel-5 *current version:* 5.10.0 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 2001-10-10 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 2002-01-17 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 2002-03-29 5 . 2 . 0 [get it](#)
RP-16 2002-07-04 5 . 3 . 0 [get it](#)
RP-17 2002-10-04 5 . 4 . 0 [get it](#)
RP-18 2003-01-10 5 . 5 . 0 [get it](#)
RP-19 2003-04-04 5 . 6 . 0 [get it](#)
RP-20 2003-07-02 5 . 7 . 0 [get it](#)
RP-21 2003-10-10 5 . 8 . 0 [get it](#)
RP-22 2004-01-23 5 . 9 . 0 [get it](#)
RP-23 5 . 10 . 0

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

Rel-5 *current version:* 5.8.0 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 2001-10-03 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 2002-01-16 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 2002-04-02 5 . 2 . 0 [get it](#)
RP-16 2002-07-04 5 . 3 . 0 [get it](#)
edito post RP-16 2002-07-19 5 . 3 . 1 eliminate duplicate clause numbers [get it](#)
RP-17 2002-10-04 5 . 4 . 0 [get it](#)
RP-18 2003-01-10 5 . 5 . 0 [get it](#)
RP-19 2003-04-04 5 . 6 . 0 [get it](#)
RP-20 2003-06-27 5 . 7 . 0 [get it](#)
RP-22 2004-01-23 5 . 8 . 0 [get it](#)

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

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

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

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

RP-15 2002-03-29 5 . 0 . 0
RP-16 2002-07-04 5 . 1 . 0
RP-17 2002-10-04 5 . 2 . 0
RP-18 2003-01-10 5 . 3 . 0
RP-19 2003-04-04 5 . 4 . 0
RP-20 2003-06-27 5 . 5 . 0
RP-22 2004-01-20 5 . 6 . 0

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

TS 25.143 UTRA repeater conformance testing

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

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

RP-15 2002-03-19 5 . 0 . 0
RP-16 2002-07-03 5 . 1 . 0
RP-17 2002-10-02 5 . 2 . 0
RP-18 2003-01-10 5 . 3 . 0
RP-19 2003-04-04 5 . 4 . 0
RP-20 2003-06-27 5 . 5 . 0
RP-21 2003-10-10 5 . 6 . 0
RP-22 2004-01-20 5 . 7 . 0

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 25.201 Physical layer - general description

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

WG (prime / other): R1 / - *rapporteur:* GERSTENBERGER, Telefon AB LM Ericsson
G: *U:* yes *MCC:* SASAKI, Tsukasa

RP-15 2002-03-29 5 . 0 . 0
RP-16 2002-06-28 5 . 1 . 0
RP-17 2002-09-27 5 . 2 . 0

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

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

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

TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)						
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> PARKVALL, Stefan		Ericsson AB	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-15 2002-03-29	5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 2002-06-28	5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 2002-09-27	5 . 2 . 0	get it				
	RP-18 2003-01-07	5 . 3 . 0	get it				
	RP-20 2003-06-27	5 . 4 . 0	get it				
	RP-21 2003-09-29	5 . 5 . 0	get it				
<hr/>							
TS 25.212	Multiplexing and channel coding (FDD)						
Rel-5	<i>current version:</i> 5.8.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MICHEL, Jürgen		SIEMENS AG	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-15 2002-03-29	5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 2002-06-28	5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 2002-09-27	5 . 2 . 0	get it				
	RP-18 2003-01-07	5 . 3 . 0	get it				
	RP-19 2003-04-04	5 . 4 . 0	get it				
	RP-20 2003-06-27	5 . 5 . 0	get it				
	RP-21 2003-09-29	5 . 6 . 0	get it				
	RP-22 2004-01-14	5 . 7 . 0	get it				
	RP-23	5 . 8 . 0					
<hr/>							
TS 25.213	Spreading and modulation (FDD)						
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILLENEGGER, Serge		QUALCOMM EUROPE S.A.R.L.	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-15 2002-03-29	5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 2002-06-28	5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 2002-09-27	5 . 2 . 0	get it				
	RP-19 2003-04-04	5 . 3 . 0	get it				
	RP-21 2003-09-29	5 . 4 . 0	get it				
	RP-22 2004-01-14	5 . 5 . 0	get it				

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

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TS 25.214 Physical layer procedures (FDD)

Rel-5 *current version:* 5.8.0
freeze_meeting: RP-15
history (event, available, version,

RP-15	2002-03-29	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	
RP-17	2002-09-27	5	.	2	.	0	
RP-18	2003-01-07	5	.	3	.	0	
RP-19	2003-04-04	5	.	4	.	0	
RP-20	2003-06-27	5	.	5	.	0	
RP-21	2003-09-29	5	.	6	.	0	
RP-22	2004-01-14	5	.	7	.	0	
RP-23		5	.	8	.	0	

)

WG (prime / other): R1 / - *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* SASAKI, Tsukasa

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

TS 25.215 Physical layer; Measurements (FDD)

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

RP-15	2002-03-29	5	.	0	.	0	
RP-17	2002-09-27	5	.	1	.	0	
RP-18	2003-01-07	5	.	2	.	0	
RP-19	2003-04-04	5	.	3	.	0	
RP-20	2003-06-27	5	.	4	.	0	
RP-21	2003-09-29	5	.	5	.	0	

)

WG (prime / other): R1 / - *rapporteur:* SUZUKI, Hidetoshi Panasonic Mobile Communications Co.,Ltd.
G: U: yes *MCC:* SASAKI, Tsukasa

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

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

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

RP-15	2002-03-29	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	
RP-17	2002-09-27	5	.	2	.	0	
RP-18	2003-01-07	5	.	3	.	0	
RP-19	2003-04-04	5	.	4	.	0	
RP-20	2003-06-27	5	.	5	.	0	

)

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

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

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.6.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-29 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 2002-09-27 5 . 2 . 0 [get it](#)
editorial to correct 2002-10-22 5 . 2 . 1 [get it](#)
clause numbers
RP-18 2003-01-07 5 . 3 . 0 [get it](#)
RP-19 2003-04-04 5 . 4 . 0 [get it](#)
RP-20 2003-06-27 5 . 5 . 0 [get it](#)
RP-22 2004-01-14 5 . 6 . 0 [get it](#) Minor problems implementing CRs. See
readme file.

WG (prime / other): R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.
G: U: yes *MCC:* SASAKI, Tsukasa

TS 25.223 Spreading and modulation (TDD)

Rel-5 *current version:* 5.3.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-29 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 2003-01-07 5 . 2 . 0 [get it](#)
RP-19 2003-04-04 5 . 3 . 0 [get it](#)

WG (prime / other): R1 / - *rapporteur:* ANDERSON, Nicholas IPWireless Inc.
G: U: yes *MCC:* SASAKI, Tsukasa

TS 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.7.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-29 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 2002-09-27 5 . 2 . 0 [get it](#)
editorial to correct 2002-10-22 5 . 2 . 1 [get it](#)
clause numbers
RP-18 2003-01-07 5 . 3 . 0 [get it](#)
RP-19 2003-04-04 5 . 4 . 0 [get it](#)
RP-20 2003-06-27 5 . 5 . 0 [get it](#)
RP-21 2003-09-29 5 . 6 . 0 [get it](#)
RP-22 2004-01-14 5 . 7 . 0 [get it](#)

WG (prime / other): R1 / - *rapporteur:* RUDOLF, Marian INTERDIGITAL COMMUNICATIONS
G: U: yes *MCC:* SASAKI, Tsukasa

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 25.225 Physical layer; Measurements (TDD)

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

RP-15	2002-04-02	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-27	5	.	2	.	0
RP-18	2003-01-07	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-22	2004-01-14	5	.	6	.	0
RP-23		5	.	7	.	0

WG (prime / other): R1 / - *rapporteur:* CZAPLA, Liliana INTERDIGITAL COMMUNICATIONS
G: *U:* yes *MCC:* SASAKI, Tsukasa

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

TS 25.301 Radio Interface Protocol Architecture

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

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-18	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](#)

TS 25.302 Services provided by the physical layer

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

RP-15	2002-03-19	5	.	0	.	0
RP-16	2002-06-17	5	.	1	.	0
RP-17	2002-09-18	5	.	2	.	0
RP-18	2002-12-20	5	.	3	.	0
RP-19	2003-03-25	5	.	4	.	0
RP-20	2003-06-20	5	.	5	.	0
RP-21	2003-10-02	5	.	6	.	0
RP-22	2004-01-12	5	.	7	.	0

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

[get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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TS 25.303 Interlayer procedures in Connected Mode

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 2002-03-19 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-17 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 2002-03-19 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-17 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 2003-01-08 5 . 2 . 0 [get it](#)
RP-20 2003-06-25 5 . 3 . 0 [get it](#)
RP-23 2003-06-25 5 . 4 . 0

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-5 *current version:* 5.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 2001-03-27 5 . 0 . 0 [get it](#) *remarks - general:* Created from 25.923
RP-12 2001-06-19 5 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 2001-10-02 5 . 2 . 0 [get it](#)
RP-14 2002-01-04 5 . 3 . 0 [get it](#)
RP-15 2002-03-19 5 . 4 . 0 [get it](#)
RP-19 2003-03-25 5 . 5 . 0 [get it](#)
RP-20 2003-06-20 5 . 6 . 0 [get it](#)
RP-21 2003-10-02 5 . 7 . 0 [get it](#)
RP-22 2004-01-12 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 25 .- series
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TS 25.306	UE Radio Access capabilities definition								
Rel-5	<i>current version:</i> 5.8.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated			
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-15 2002-03-19	5	.	0	.	0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.	
	RP-16 2002-06-17	5	.	1	.	0	get it	<i>remarks - this release:</i> .	
	RP-17 2002-09-18	5	.	2	.	0	get it		
	RP-18 2003-01-08	5	.	3	.	0	get it		
	RP-19 2003-03-25	5	.	4	.	0	get it		
	RP-20 2003-06-20	5	.	5	.	0	get it		
	RP-21 2003-10-02	5	.	6	.	0	get it		
	RP-22 2004-01-12	5	.	7	.	0	get it		
	RP-23	5	.	8	.	0			
<hr/>									
TS 25.307	Requirements on UEs supporting a release-independent frequency band								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis	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 2002-03-19	5	.	0	.	0	get it	<i>remarks - general:</i> Release independent! - sort of. RP-13: responsibility: R2 = signalling	
	RP-22 2004-01-12	5	.	1	.	0	get it	<i>remarks - this release:</i> Expect continual updates each time a new band is allowed. requirements, R4 = RF &	
RMM requirements.									
	RP-23	5	.	2	.	0			
<hr/>									
TS 25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2								
Rel-5	<i>current version:</i> 5.5.0			<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-13 2001-10-01	0	.	1	.	0	get it	<i>remarks - general:</i> TS created from entrails of TR 25.855.	
	RP-13 2001-10-02	5	.	0	.	0	get it	<i>remarks - this release:</i> .	
	RP-14 2002-01-04	5	.	1	.	0	get it		
	RP-15 2002-03-21	5	.	2	.	0	get it		
	RP-18 2003-01-14	5	.	3	.	0	get it		
	RP-19 2003-03-25	5	.	4	.	0	get it		
	RP-23	5	.	5	.	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 25.321 Medium Access Control (MAC) protocol specification

Rel-5 *current version:* 5.8.0
freeze_meeting: RP-15
history (event, available, version,

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

RP-15 2002-03-19 5 . 0 . 0
RP-16 2002-06-17 5 . 1 . 0
RP-17 2002-09-18 5 . 2 . 0
RP-18 2003-01-08 5 . 3 . 0
RP-19 2003-03-25 5 . 4 . 0
RP-20 2003-06-20 5 . 5 . 0
RP-21 2003-10-02 5 . 6 . 0
RP-22 2004-01-12 5 . 7 . 0
RP-23 5 . 8 . 0

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

TS 25.322 Radio Link Control (RLC) protocol specification

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

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

RP-15 2002-03-19 5 . 0 . 0
RP-16 2002-06-17 5 . 1 . 0
RP-17 2002-09-19 5 . 2 . 0
RP-18 2003-01-10 5 . 3 . 0
RP-19 2003-03-25 5 . 4 . 0
RP-20 2003-06-20 5 . 5 . 0
RP-21 2003-10-02 5 . 6 . 0
RP-22 2004-01-12 5 . 7 . 0

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

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

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

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

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

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5 *current version:* 5.3.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-19 5 . 0 . 0
RP-16 2002-06-17 5 . 1 . 0
RP-18 2003-01-13 5 . 2 . 0
RP-19 2003-03-25 5 . 3 . 0

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

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

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version:* 5.8.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-04-04 5 . 0 . 0
RP-16 2002-06-21 5 . 1 . 0
RP-17 2002-10-01 5 . 2 . 0
RP-18 2003-02-03 5 . 3 . 0
RP-19 2003-03-27 5 . 4 . 0
RP-20 2003-06-25 5 . 5 . 0
RP-21 2003-10-02 5 . 6 . 0
RP-22 2004-01-12 5 . 7 . 0
edito post RP-22 2004-01-20 5 . 7 . 1
RP-23 5 . 8 . 0

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

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

Some figures are not visible in these 2 documents. See figure 8.3.1-5 and 8.3.1-6, figures 8.3.1-8 to 8.3.1-10. There is an error message => Error! Objects cannot be created from editing field codes.

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 25.401	UTRAN overall description								
Rel-5	<i>current version:</i> 5.7.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> GODIN, Philippe				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>			
	<i>history (event, available, version,</i>								
	RP-12 2001-07-06	5	.	0	.	0		get it	<i>remarks - general:</i> Approval at TSG#5
	RP-13 2001-10-12	5	.	1	.	0		get it	<i>remarks - this release:</i> .
	RP-15 2002-04-02	5	.	2	.	0		get it	
	RP-16 2002-06-28	5	.	3	.	0		get it	
	RP-17 2002-09-30	5	.	4	.	0		get it	
	RP-18 2003-01-03	5	.	5	.	0		get it	
	RP-20 2003-06-17	5	.	6	.	0		get it	
	RP-22 2004-01-13	5	.	7	.	0		get it	

TS 25.402	Synchronisation in UTRAN Stage 2								
Rel-5	<i>current version:</i> 5.3.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter				SIEMENS AG
	<i>freeze_meeting:</i> RP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>			CALDENHOVEN, Juergen
	<i>history (event, available, version,</i>								
	RP-15 2002-04-02	5	.	0	.	0		get it	<i>remarks - general:</i> New
	RP-16 2002-06-28	5	.	1	.	0		get it	<i>remarks - this release:</i> .
	RP-20 2003-06-17	5	.	2	.	0		get it	
	RP-22 2004-01-13	5	.	3	.	0		get it	

TS 25.410	UTRAN Iu Interface: General Aspects and Principles								
Rel-5	<i>current version:</i> 5.3.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DIESEN, Michael				MOTOROLA Ltd
	<i>freeze_meeting:</i> RP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>			CALDENHOVEN, Juergen
	<i>history (event, available, version,</i>								
	RP-15 2002-03-25	5	.	0	.	0		get it	<i>remarks - general:</i> Approval at TSG#5
	RP-16 2002-06-28	5	.	1	.	0		get it	<i>remarks - this release:</i> .
	RP-17 2002-09-30	5	.	2	.	0		get it	
	RP-18 2003-01-03	5	.	3	.	0		get it	

TS 25.411	UTRAN Iu interface layer 1								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter				SIEMENS AG
	<i>freeze_meeting:</i> RP-15			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>			CALDENHOVEN, Juergen
	<i>history (event, available, version,</i>								
	RP-15 2002-03-25	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 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.412 UTRAN Iu interface signalling transport

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

WG (prime / other): R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-15 2002-03-25 5 . 0 . 0
RP-17 2002-09-30 5 . 1 . 0

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

TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-5 *current version:* 5.8.0
freeze_meeting: RP-15

WG (prime / other): R3 / - *rapporteur:* GUYOT, Olivier NOKIA Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0
RP-16 2002-07-05 5 . 1 . 0
RP-17 2002-10-11 5 . 2 . 0
RP-18 2003-01-03 5 . 3 . 0
RP-19 2003-03-26 5 . 4 . 0
RP-20 2003-06-17 5 . 5 . 0
RP-21 2003-09-30 5 . 6 . 0
RP-22 2004-01-13 5 . 7 . 0
RP-23 5 . 8 . 0

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

TS 25.414 UTRAN Iu interface data transport & transport signalling

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

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0
RP-16 2002-06-28 5 . 1 . 0
RP-17 2002-09-30 5 . 2 . 0
RP-18 2003-01-03 5 . 3 . 0
RP-19 2003-03-26 5 . 4 . 0
RP-22 2004-01-13 5 . 5 . 0

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

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

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

TS 25.415 UTRAN Iu interface user plane protocols

Rel-5 *current version:* 5.3.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-25 5 . 0 . 0
RP-16 2002-06-28 5 . 1 . 0
RP-17 2002-09-30 5 . 2 . 0
RP-18 2003-01-03 5 . 3 . 0

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

Rel-5 *current version:* 5.7.0
freeze_meeting: RP-15
history (event, available, version,
TP-15 2002-03-25 5 . 0 . 0
RP-16 2002-06-28 5 . 1 . 0
RP-17 2002-10-03 5 . 2 . 0
RP-19 2003-03-26 5 . 3 . 0
RP-20 2003-06-17 5 . 4 . 0
RP-21 2003-09-30 5 . 5 . 0
RP-22 2004-01-13 5 . 6 . 0
RP-23 5 . 7 . 0

WG (prime / other): R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0
RP-17 2002-10-03 5 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.421 UTRAN Iur interface Layer 1

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

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.422 UTRAN Iur interface signalling transport

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0 [get it](#) *remarks - general:*
RP-17 2002-10-03 5 . 1 . 0 [get it](#) *remarks - this release:* .

TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-5 *current version:* 5.9.0 *WG (prime / other):* R3 / - *rapporteur:* ERICSSON, Ingela Telefon AB LM Ericsson
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-07-19 5 . 1 . 0 [get it](#) *remarks - this release:* .
PCG post RP-16 2002-08-06 5 . 2 . 0 One CR endorsed by PCG [get it](#)
RP-17 2002-10-11 5 . 3 . 0 [get it](#)
RP-18 2003-01-03 5 . 4 . 0 [get it](#)
RP-19 2003-03-31 5 . 5 . 0 [get it](#)
RP-20 2003-06-17 5 . 6 . 0 [get it](#)
RP-21 2003-09-30 5 . 7 . 0 [get it](#)
RP-22 2004-01-22 5 . 8 . 0 [get it](#)
RP-23 5 . 9 . 0

TS 25.424 UTRAN Iur interface data transport & transport signalling 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:* CALDENHOVEN, Juergen
history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-21 2003-09-30 5 . 2 . 0 [get it](#)
RP-22 2004-01-13 5 . 3 . 0 [get it](#)
RP-23 5 . 4 . 0

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

3GPP specification status

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

RP-15	2002-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>
RP-16	2002-06-28	5	.	1	.	0	get it	<i>remarks - this release:</i> .
RP-17	2002-10-03	5	.	2	.	0	get it	
RP-18	2003-01-03	5	.	3	.	0	get it	
RP-19	2003-03-26	5	.	4	.	0	get it	
RP-20	2003-06-17	5	.	5	.	0	get it	
RP-22	2004-01-13	5	.	6	.	0	get it	
RP-23		5	.	7	.	0		

TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

RP-15	2002-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>
RP-16	2002-06-28	5	.	1	.	0	get it	<i>remarks - this release:</i> .
RP-17	2002-10-03	5	.	2	.	0	get it	
RP-21	2003-09-30	5	.	3	.	0	get it	
RP-23		5	.	4	.	0		

TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R3 / - *rapporteur:* HAKULI, Tuomas NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

RP-15	2002-03-25	5	.	0	.	0	get it	<i>remarks - general:</i>
RP-18	2003-01-03	5	.	1	.	0	get it	<i>remarks - this release:</i> .
RP-21	2003-09-30	5	.	2	.	0	get it	
RP-22	2004-01-13	5	.	3	.	0	get it	

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

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

TS 25.430 UTRAN lub Interface: General Aspects and Principles

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-25 5 . 0 . 0 [get it](#) *remarks - general:*
edito post RP-15 5 . 0 . 1 not produced *remarks - this release:* .
RP-16 2002-06-28 5 . 1 . 0 To include CR029r2 from RP-15 which [get it](#)
was forgotten in v5.0.0.
RP-17 2002-10-03 5 . 2 . 0 [get it](#)

WG (prime / other): R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
G: U: yes *MCC:* CALDENHOVEN, Juergen

TS 25.431 UTRAN lub interface Layer 1

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-25 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: U: yes *MCC:* CALDENHOVEN, Juergen

TS 25.432 UTRAN lub interface: signalling transport

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 2002-03-25 5 . 0 . 0 [get it](#) *remarks - general:*
edito post RP-15 2002-04-03 5 . 0 . 1 [get it](#) *remarks - this release:* .
RP-17 2002-10-03 5 . 1 . 0 [get it](#)

WG (prime / other): R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
G: U: yes *MCC:* CALDENHOVEN, Juergen

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 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 *current version:* 5.8.0 *WG (prime / other):* R3 / - *rapporteur:* SEHEDIC, Yann NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-15 2002-04-04 5 . 0 . 0 2003-08-18: implementation error of [get it](#) *remarks - general:*
CR609r1. Will be corrected RP-21. *remarks - this release:* .
RP-16 2002-07-19 5 . 1 . 0 [get it](#)
RP-17 2002-10-11 5 . 2 . 0 [get it](#)
RP-18 2003-01-03 5 . 3 . 0 [get it](#)
RP-19 2003-03-31 5 . 4 . 0 [get it](#)
RP-20 2003-06-17 5 . 5 . 0 [get it](#)
RP-21 2003-10-02 5 . 6 . 0 [get it](#)
RP-22 2004-01-22 5 . 7 . 0 [get it](#)
RP-23 5 . 8 . 0

TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB
freeze_meeting: RP-15 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-21 2003-09-30 5 . 2 . 0 [get it](#)
RP-22 2004-01-13 5 . 3 . 0 [get it](#)
RP-23 5 . 4 . 0

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 2002-10-03 5 . 2 . 0 [get it](#)
RP-18 2003-01-03 5 . 3 . 0 [get it](#)
RP-19 2003-03-26 5 . 4 . 0 [get it](#)
RP-20 2003-06-17 5 . 5 . 0 [get it](#)
RP-22 2004-01-13 5 . 6 . 0 [get it](#)
RP-23 5 . 7 . 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 25.442	UTRAN implementation-specific O&M transport								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAUSER, Alexander				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> RP-15			G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
	<i>history (event, available, version,</i>								
	RP-15 2002-03-28	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 2002-10-03	5	.	1	.	0		get it	
<hr/>									
TS 25.450	UTRAN lupc interface general aspects and principles								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent		QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15			G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
	<i>history (event, available, version,</i>								
	RP-12	2	.	0	.	0	RP-010400		<i>remarks - general:</i>
	RP-12 2001-07-05	5	.	0	.	0		get it	<i>remarks - this release:</i> .
	RP-14 2002-01-11	5	.	1	.	0		get it	
<hr/>									
TS 25.451	UTRAN lupc interface layer 1								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent		QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15			G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
	<i>history (event, available, version,</i>								
	RP-12	2	.	0	.	0	RP-010401		<i>remarks - general:</i>
	RP-12 2001-07-05	5	.	0	.	0		get it	<i>remarks - this release:</i> .
	correction to 2002-04-24	5	.	0	.	1		get it	
	history table								
<hr/>									
TS 25.452	UTRAN lupc interface: signalling transport								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent		QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15			G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
	<i>history (event, available, version,</i>								
	RP-13 2001-09-26	2	.	0	.	0	RP-010640		<i>remarks - general:</i>
	RP-13 2001-10-12	5	.	0	.	0		get it	<i>remarks - this release:</i> .
								get it	

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TS 25.453	UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling						
Rel-5	<i>current version:</i> 5.9.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen			
	<i>history (event, available, version,</i>						
	RP-12	2 . 0 . 0	RP-010402			<i>remarks - general:</i>	
	RP-12 2001-07-05	5 . 0 . 0		get it		<i>remarks - this release:</i> .	
	RP-13 2001-10-12	5 . 1 . 0		get it			
	RP-14 2002-01-11	5 . 2 . 0		get it			
	RP-15 2002-03-25	5 . 3 . 0		get it			
	RP-16 2002-06-28	5 . 4 . 0		get it			
	RP-19 2003-03-26	5 . 5 . 0		get it			
	RP-20 2003-06-17	5 . 6 . 0		get it			
	RP-21 2003-09-30	5 . 7 . 0		get it			
	RP-22 2004-01-13	5 . 8 . 0		get it			
	RP-23	5 . 9 . 0					

TR 25.854	Uplink Synchronous Transmission Scheme (USTS)						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Duk Kyung	SK TELECOM		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-13 2001-10-01	1 . 0 . 0	RP-010647	get it		<i>remarks - general:</i>	
	RP-11 2001-04-05	1 . 0 . 0	RP-010428 at RP-12	get it		<i>remarks - this release:</i>	
	RP-14 2002-01-02	2 . 0 . 0	RP-010826	get it			
	RP-14 2002-01-11	5 . 0 . 0		get it			

TR 25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> GHOSH, Amitabha	Motorola Inc.		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-14 2002-01-02	1 . 0 . 0	RP-010823	get it		<i>remarks - general:</i>	
	RP-15 2002-04-04	2 . 0 . 0	RP-020255	get it		<i>remarks - this release:</i> .	
	RP-15 2002-03-29	5 . 0 . 0		get it			

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TR 25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version,</i>					
	draft	0 . 0 . 0				<i>remarks - general:</i>
	draft 2001-09-04	0 . 1 . 0				<i>remarks - this release:</i> .
	RP-13 2001-10-02	1 . 0 . 1				get it
	RP-15 2002-03-19	2 . 0 . 0				get it
	RP-15 2002-03-19	2 . 0 . 1				get it
	RP-15 2002-03-19	5 . 0 . 0				get it
TR 25.860	Radio acces bearer support enhancements					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha			NOKIA Corporation
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version,</i>					
	RP-15 2002-03-19	1 . 0 . 0				<i>remarks - general:</i>
	RP-16 2002-06-25	2 . 0 . 0				<i>remarks - this release:</i> .
	RP-16 2002-06-17	5 . 0 . 0				get it
						get it
						get it
TR 25.868	Node B synchronization for 1,28 Mcps TDD					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling			China Academy of Telecommunications Technology
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	SASAKI, Tsukasa	
	<i>history (event, available, version,</i>					
	RP-13 2001-10-01	1 . 0 . 0				<i>remarks - general:</i>
	RP-14 2002-01-02	1 . 1 . 0				<i>remarks - this release:</i> .
	RP-15 2002-03-19	1 . 1 . 1				get it
	RP-15 2002-03-29	5 . 0 . 0				get it
	post RP-15 2002-04-15	5 . 0 . 1				get it
	editorial					

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TR 25.870 Enhancement on the DSCH Hard Split mode

Rel-5 *current version:* 5.0.0

freeze_meeting: RP-15

history (event, available, version,

RP-12	2001-06-28	0	.	1	.	0	RP-010420
draft	2001-09-14	1	.	0	.	0	RP-010534
RP-14	2002-01-02	1	.	1	.	0	RP-010841
RP-15	2002-03-19	2	.	0	.	0	RP-020127
RP-15	2002-03-29	5	.	0	.	0	

WG (prime / other): R1 /

G: *U:* yes

rapporteur: KIM, Jaeyoel

MCC: SASAKI, Tsukasa

Samsung Electronics Ind. Co., Ltd.

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TR 25.875 NAS node selector function

Rel-5 *current version:* 5.0.0

freeze_meeting: RP-15

history (event, available, version,

RP-11	2001-04-06	0	.	0	.	1	
RP-14	2002-01-02	1	.	0	.	0	RP-010881
RP-15	2002-03-19	2	.	0	.	0	RP-020153
RP-15	2002-03-25	5	.	0	.	0	

WG (prime / other): R3 /

G: *U:* yes

rapporteur: MCWILLIAMS, Brendan VODAFONE Group Plc

MCC: CALDENHOVEN, Juergen

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

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

[get it](#)

[get it](#)

TR 25.877 High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects

Rel-5 *current version:* 5.1.0

freeze_meeting: RP-15

history (event, available, version,

draft	2001-10-12	0	.	1	.	0	
draft	2001-11-07	0	.	2	.	2	
draft	2002-01-02	0	.	3	.	1	
RP-15	2002-02-28	1	.	0	.	0	R3-020891 = RP-020157
RP-15	2002-02-28	2	.	0	.	0	R3-020892 = RP-020158
RP-15	2002-03-25	5	.	0	.	0	
RP-16	2002-06-28	5	.	1	.	0	

WG (prime / other): R3 /

G: *U:* yes

rapporteur: DIESEN, Michael

MCC: CALDENHOVEN, Juergen

MOTOROLA Ltd

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

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

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

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TR 25.878 RL timing adjustment

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

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

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

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

TR 25.879 Separation of resource reservation and radio link activation

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

WG (prime / other): R3 / *rapporteur:* VAN LIESHOUT, SAMSUNG Electronics Research Institute
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
R3-23 0 . 2 . 0 Status report in RP-010608.
draft 2001-12-03 0 . 3 . 0
draft 2001-12-03 0 . 3 . 1
RP-15 2002-03-19 1 . 0 . 0 RP-020142
RP-15 2002-03-19 2 . 0 . 0 RP-020143
RP-15 2002-03-25 5 . 0 . 0

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.880 Re-arrangement of lub transport bearers

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

WG (prime / other): R3 / rapporteur: HAUTALA, Jari NOKIA Corporation
G: U: yes MCC: CALDENHOVEN, Juergen

remarks - general: 2003-01: title changed from "Traffic termination point swapping" some time ago.
remarks - this release: .

draft 0 . 0 . 1
R3-21 0 . 0 . 2
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 2002-01-11 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 2002-03-19 1 . 0 . 0 RP-020145 [get it](#)
RP-15 2002-03-19 2 . 0 . 0 RP-020146 [get it](#)
RP-15 2002-03-25 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
freeze_meeting: RP-15
history (event, available, version,

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

remarks - general:
remarks - this release: .

R3-23 0 . 2 . 0 Status report in RP-010611
draft 0 . 4 . 0
draft 0 . 4 . 1 04/12/2001
RP-14 2002-01-02 1 . 0 . 0 RP-010922 [get it](#)
RP-14 2002-01-02 2 . 0 . 0 RP-010923 [get it](#)
RP-14 2002-01-09 5 . 0 . 0 [get it](#)

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Server ACTIVE specs Rel-5 25 .- series
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TR 25.882	1,28 Mcps TDD option base station classification								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R4 /		<i>rapporteur:</i> MEYER, Juergen	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-13 2001-10-01	1 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-14 2002-01-02	1 . 1 . 0			get it	<i>remarks - this release:</i> .			
	RP-16 2002-06-25	2 . 0 . 0			get it				
	RP-16 2002-07-03	5 . 0 . 0			get it				
TR 25.883	Direct Transport Bearers Between SRNC and Node-B								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> VAN LIESHOUT,	SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i> RP-16		G: U: yes		<i>MCC:</i> Gert-Jan CALDENHOVEN, Juergen				
	<i>history (event, available, version,</i>								
	draft 2001-12-03	0 . 2 . 0			get it	<i>remarks - general:</i>			
	RP-16 2002-06-25	1 . 0 . 0			get it	<i>remarks - this release:</i> .			
	RP-16 2002-06-25	2 . 0 . 0			get it				
	RP-16 2002-06-25	2 . 0 . 1			get it				
	RP-16 2002-06-28	5 . 0 . 0			get it				
TR 25.884	lur Neighbouring cell reporting efficiency optimisation								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> VOLTOLINA, Elena Eva	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-16		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version,</i>								
	referred to at 2002-01-11	0 . 1 . 0			get it	<i>remarks - general:</i> Previous rapporteur: Shahrokh Amirijoo.			
	RP-13					<i>remarks - this release:</i> .			
	RP-15 2002-03-19	1 . 0 . 0			get it				
	RP-15 2002-03-19	2 . 0 . 0			get it				
	RP-15 2002-04-02	5 . 0 . 0			get it				
TR 25.921	Guidelines and principles for protocol description and error handling								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> R2 / -		<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-15 2002-03-19	5 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-18 2003-01-13	5 . 1 . 0			get it	<i>remarks - this release:</i> .			
	RP-21 2003-10-02	5 . 2 . 0			get it				
	RP-22 2004-01-12	5 . 3 . 0			get it				
	RP-23	5 . 4 . 0							

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TR 25.922	Radio Resource Management Strategies					
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</i>					
	RP-15 2002-03-19	5 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-21 2003-10-02	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	RP-22 2004-01-12	5 . 2 . 0		get it		
	RP-23	5 . 3 . 0				
<hr/>						
TR 25.931	UTRAN Functions, examples on signalling procedures					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CASALINO, Francesco	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen		
	<i>history (event, available, version,</i>					
	RP-15 2002-04-02	5 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-16 2002-06-28	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
<hr/>						
TR 25.933	IP transport in UTRAN					
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen		
	<i>history (event, available, version,</i>					
	RP-15 2002-03-28	5 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-16 2002-06-28	5 . 1 . 0		get it	<i>remarks - this release:</i> 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).	
	RP-17 2002-10-03	5 . 2 . 0		get it		
	RP-20 2003-06-17	5 . 3 . 0		get it		
	RP-22 2004-01-13	5 . 4 . 0		get it		
<hr/>						
TR 25.942	RF system scenarios					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V	
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>					
	RP-15 2002-04-02	5 . 0 . 0		get it	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.	
	RP-16 2002-07-03	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	RP-23	5 . 2 . 0				

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<p>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 2002-04-02 5 . 0 . 0 edito 2002-05-03 5 . 0 . 1 RP-16 2002-07-03 5 . 1 . 0</p>	<p><i>WG (prime / other):</i> R4 / - <i>rapporteur:</i> SKÖLD, Johan Telefon AB LM Ericsson <i>G:</i> <i>U:</i> yes <i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar</p> <p>get it <i>remarks - general:</i> get it <i>remarks - this release:</i> . get it</p>
<hr/>	
<p>TR 25.945 RF requirements for low chip rate TDD option Rel-5 <i>current version:</i> 5.1.0 <i>freeze_meeting:</i> RP-15 <i>history (event, available, version,</i> RP-15 2002-04-02 5 . 0 . 0 RP-23 5 . 1 . 0</p>	<p><i>WG (prime / other):</i> R4 / - <i>rapporteur:</i> ZHANG, Daijun China Academy of Telecommunications Technology <i>G:</i> <i>U:</i> yes <i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar</p> <p>get it <i>remarks - general:</i> <i>remarks - this release:</i> .</p>
<hr/>	
<p>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 2001-06-29 5 . 0 . 0 RP-16 2002-07-03 5 . 1 . 0 RP-19 2003-04-04 5 . 2 . 0</p>	<p><i>WG (prime / other):</i> R4 / - <i>rapporteur:</i> AXNESS, Timothy INTERDIGITAL COMMUNICATIONS <i>G:</i> <i>U:</i> yes <i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar</p> <p><i>remarks - general:</i> <i>remarks - this release:</i> promoted from Rel-4 at RP-12.</p> <p>get it get it get it</p>
<hr/>	
<p>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 2002-04-02 5 . 0 . 0</p>	<p><i>WG (prime / other):</i> R4 / - <i>rapporteur:</i> GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA <i>G:</i> <i>U:</i> yes <i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar</p> <p>get it <i>remarks - general:</i> . <i>remarks - this release:</i> .</p>

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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	current version: 5.1.0	WG (prime / other): R4 /	rapporteur: MOSHAVI, Shimon	INTEL CORPORATION SARL
	freeze_meeting: RP-15	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar	
history (event, available, version,				
	RP-14 2002-01-02	1 . 0 . 0	RP-010892	get it remarks - general:
	RP-15 2002-03-19	2 . 0 . 0	RP-020121	get it remarks - this release: .
	RP-15 2002-04-02	5 . 0 . 0		get it
	RP-18 2003-01-10	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	current version: 5.1.0	WG (prime / other): R2 /	rapporteur: FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-15	G: U: yes	MCC: ARZELIER, Claude	
history (event, available, version,				
	RP-18 2003-01-13	5 . 0 . 0	Back creation from Rel-6 version	get it remarks - general:
	RP-22 2004-01-12	5 . 1 . 0		get it remarks - this release: 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	current version: 0.0.0	DRAFT	WG (prime / other): R2 / R1, R3, R4	rapporteur: COURAU, François	ALCATEL S.A.
	freeze_meeting: SP-15		G: U: yes	MCC: ARZELIER, Claude	
history (event, available, version,					
	RP-18 2003-01-06	0 . 0 . 0	RP-020880	get it remarks - general: RP-20: Primary responsibility moved from RP to R2.	remarks - this release: .

TR 25.995	Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification				
Rel-5	current version: 0.0.1	DRAFT	WG (prime / other): R2 / R1, R3, R4	rapporteur: COURAU, François	ALCATEL S.A.
	freeze_meeting: SP-15		G: U: yes	MCC: ARZELIER, Claude	
history (event, available, version,					
	draft	0 . 0 . 1		get it remarks - general: RP-20: Primary responsibility moved from RP to R2.	remarks - this release: .

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

G = required in systems with GERAN 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 26.071 AMR speech Codec; General description
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.073 AMR speech Codec; C-source code
Rel-5 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:*
SP-19 2003-04-04 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-21 2003-10-02 5 . 2 . 0 [get it](#) Note missing C-code line in CR which
created this version has been corrected
by WG Secretary.
SP-23 5 . 3 . 0

TS 26.074 AMR speech Codec; Test sequences
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.077 Minimum performance requirements for noise suppresser application to the Adaptive Multi-Rate (AMR) speech encoder
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:*
correct spelling 2003-06-17 5 . 0 . 1 No SDO publication necessary [get it](#) *remarks - this release:* .
mistake in title

TS 26.090 AMR speech Codec; Transcoding Functions
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

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

TS 26.091 AMR speech Codec; Error concealment of lost frames
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.093 AMR speech Codec; Source Controlled Rate operation
Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-17 2002-09-24 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 2003-01-03 5 . 2 . 0 [get it](#)

TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation
freeze_meeting: SP-16 *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 2002-06-28 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
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TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 2002-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-18 2003-01-03 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-19 2003-04-04 5 . 2 . 0	get it				

TS 26.103	Speech codec list for GSM and UMTS					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 2001-04-10 5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	SP-15 2002-03-28 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-16 2002-06-28 5 . 2 . 0	get it				
	SP-17 2002-09-24 5 . 3 . 0	get it				
	SP-18 2003-01-03 5 . 4 . 0	get it				

TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 2002-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-19 2003-04-04 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-20 2003-06-25 5 . 2 . 0	get it				
	SP-22 2004-01-06 5 . 3 . 0	get it				
	SP-23 5 . 4 . 0					

TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 2002-06-28 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 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	SP-16 2002-06-28 5 . 0 . 0	get it		<i>remarks - general:</i>	CR at TSG#5		
	SP-20 2003-06-25 5 . 1 . 0	get it		<i>remarks - this release:</i>	.		
<hr/>							
TS 26.115	Echo control for speech and multi-media services						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	SP-16 2002-06-28 5 . 0 . 0	get it		<i>remarks - general:</i>			
				<i>remarks - this release:</i>	.		
<hr/>							
TS 26.131	Terminal acoustic characteristics for telephony; Requirements						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	GOETZ, Ian	TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-15	G: U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	SP-11 2001-04-10 5 . 0 . 0	get it		<i>remarks - general:</i>			
	SP-13 2001-10-02 5 . 1 . 0	get it		<i>remarks - this release:</i>			
	SP-17 2002-09-24 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> 5.4.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	GOETZ, Ian	TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-15	G: U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	SP-11 2001-04-10 5 . 0 . 0	get it		<i>remarks - general:</i>			
	SP-13 2001-10-02 5 . 1 . 0	get it		<i>remarks - this release:</i>			
	SP-15 2002-03-28 5 . 2 . 0	get it					
	SP-17 2002-09-24 5 . 3 . 0	get it					
	SP-21 2003-10-01 5 . 4 . 0	get it					

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / T2 *rapporteur:* CASTAGNO, Roberto NOKIA Corporation
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-14 2002-01-02 1 . 0 . 0 SP-010695 [get it](#) *remarks - general:*
SP-15 2002-03-19 2 . 0 . 0 SP-020075 [get it](#) *remarks - this release:* .
SP-15 2002-03-28 5 . 0 . 0 [get it](#)
SP-16 2002-06-28 5 . 1 . 0 [get it](#)
SP-18 2003-01-03 5 . 2 . 0 [get it](#)

TS 26.171 AMR speech codec, wideband; General description

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

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 2001-04-10 5 . 0 . 0 [get it](#) *remarks - general:* 2001-10-01: added "G" flag.
SP-12 2001-06-27 5 . 1 . 0 [get it](#) *remarks - this release:*
edito 2001-06-27 5 . 1 . 1 [get it](#)
SP-13 2001-10-02 5 . 2 . 0 [get it](#)
SP-14 2002-01-09 5 . 3 . 0 [get it](#)
SP-15 2002-03-28 5 . 4 . 0 [get it](#)
SP-18 2003-01-03 5 . 5 . 0 [get it](#)
SP-19 2003-04-04 5 . 6 . 0 [get it](#)
SP-20 2003-06-25 5 . 7 . 0 [get it](#)
SP-20 2003-06-27 5 . 7 . 1 Includes C-code! [get it](#)
SP-21 2003-10-01 5 . 8 . 0 [get it](#)

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

TS 26.174 AMR speech codec, wideband; Test sequences

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,
SP-11 2001-04-10 5 . 0 . 0 [get it](#) *remarks - general:*
SP-12 2001-06-27 5 . 1 . 0 [get it](#) *remarks - this release:*
correction to test 2001-11-12 5 . 1 . 1 [get it](#)
sequences
SP-14 2002-01-09 5 . 2 . 0 [get it](#)
SP-15 2002-03-28 5 . 3 . 0 [get it](#)
SP-18 2003-01-03 5 . 4 . 0 [get it](#)

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

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

history (event, available, version,
SP-11 2001-04-10 5 . 0 . 0 [get it](#) *remarks - general:*
SP-14 2002-01-09 5 . 1 . 0 [get it](#) *remarks - this release:*

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 2001-04-10 5 . 0 . 0 [get it](#) *remarks - general:*
SP-15 2002-03-28 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, USAI, Paolino
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,
SP-11 2001-04-10 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs Rel-5 26 .- series
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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 2001-04-10 5 . 0 . 0						
		get it	remarks - general:				
			remarks - this release:				
<hr/>							
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,				
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino				
history (event, available, version,	SP-11 2001-04-10 5 . 0 . 0						
		get it	remarks - general:				
			remarks - this release:				
<hr/>							
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 2001-04-10 5 . 0 . 0						
		get it	remarks - general:				
			remarks - this release:				
<hr/>							
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						
	SP-11 2001-08-02 2 . 0 . 0 SP-010091						
	SP-11 2001-04-10 5 . 0 . 0	get it	remarks - general:				
	SP-17 2002-09-24 5 . 1 . 0	get it	remarks - this release:				
		get it					

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

TS 26.204	ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-15					
	<i>history (event, available, version,</i>	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	SP-14 2002-01-02 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-15 2002-03-19 2 . 0 . 0	get it	<i>remarks - this release:</i> .			
	SP-15 2002-03-28 5 . 0 . 0	get it				
	SP-19 2003-04-04 5 . 1 . 0	get it				
	SP-21 2003-10-01 5 . 2 . 0	get it				

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

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

TS 26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10 2000-12-21 1 . 0 . 0	get it	<i>remarks - general:</i> SP-16: in "GERAN" set.			
	SP-11 2001-04-10 5 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-13 2001-10-02 5 . 1 . 0	get it				
	SP-15 2002-03-28 5 . 2 . 0	get it				

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

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

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

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

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

TS 26.235 Packet switched conversational multimedia applications; Default codecs

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

TS 26.236 Packet switched conversational multimedia applications; Transport protocols

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-14 2002-01-02 1 . 0 . 0 SP-010694 [get it](#) *remarks - general:*
SP-15 2002-03-19 2 . 0 . 0 SP-020074 [get it](#) *remarks - this release:* .
SP-15 2002-03-28 5 . 0 . 0 [get it](#)
SP-18 2003-01-03 5 . 1 . 0 [get it](#)
SP-19 2003-04-04 5 . 2 . 0 [get it](#)
SP-20 2003-06-25 5 . 3 . 0 [get it](#)
SP-21 2003-10-01 5 . 4 . 0 [get it](#)

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

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http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center			
	<i>freeze_meeting:</i> SP-16			G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-16 2002-06-28	5	.	0	.	0	get it	<i>remarks - general:</i>	
	SP-19 2003-04-04	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
<hr/>									
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor	Nokia Telecommunications Inc.			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	S4-19 2002-01-16	0	.	1	.	0	S4-010679	get it	<i>remarks - general:</i>
	SP-18 2003-01-03	1	.	2	.	0	SP-020683	get it	<i>remarks - this release:</i> 2003-01-14: WG Secretary reports that this TS should be approved at SP-19. SP-19: still under revision, anticipated for approval at SP-20.
	draft 2003-04-04	1	.	4	.	0		get it	
	S4-26 2003-06-17	1	.	5	.	0	S4-030369	get it	
	SP-21 2003-09-29	2	.	0	.	0	SP-030443	get it	
	SP-21 2003-10-08	5	.	0	.	0		get it	
<hr/>									
TR 26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-16			G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-16 2002-06-28	5	.	0	.	0		get it	<i>remarks - general:</i> Replaces 26.075. 2001-10-02: Also for GSM. <i>remarks - this release:</i> .
<hr/>									
TR 26.976	Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VAINIO, Janne	NOKIA Corporation			
	<i>freeze_meeting:</i> NP-16			G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	draft	0	.	0	.	1			<i>remarks - general:</i> Cf 26.975.
	SP-12 2001-06-27	0	.	3	.	0	SP-010302	get it	<i>remarks - this release:</i> .
	SP-14 2002-01-02	0	.	6	.	0	SP-010692	get it	
	SP-17 2002-09-24	1	.	0	.	0	SP-020432	get it	
	SP-18 2003-01-16	2	.	0	.	0	SP-020682	get it	
	SP-18 2003-01-03	5	.	0	.	0		get it	
	SP-21 2003-10-01	5	.	1	.	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/26_series

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-14 2002-01-11 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 2002-03-20 5 . 1 . 0 [get it](#) *remarks - this release: .*
NP-16 2002-06-24 5 . 2 . 0 [get it](#)
NP-17 2002-09-17 5 . 3 . 0 [get it](#)
NP-18 2003-01-09 5 . 4 . 0 [get it](#)
NP-19 2003-03-27 5 . 5 . 0 [get it](#)
NP-20 2003-06-25 5 . 6 . 0 [get it](#)
NP-21 2003-10-01 5 . 7 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-14 2002-01-11 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-14 2002-01-11 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 27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-16 2002-06-25	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 27.007	AT command set for 3G User Equipment (UE)								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHRISTENSEN, Soren	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-14 2002-01-15	5 . 0 . 0	get it	<i>remarks - general:</i>					
	TP-15 2002-04-04	5 . 1 . 0	get it	<i>remarks - this release:</i>					
	TP-18 2002-12-20	5 . 2 . 0	get it						
	TP-19 2003-03-31	5 . 3 . 0	get it						
	TP-21 2003-10-03	5 . 4 . 0	get it						
<hr/>									
TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BROOK, Richard	SAMSUNG Electronics Research Institute					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-16 2002-06-26	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> 5.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-14 2002-01-11	5 . 0 . 0	get it	<i>remarks - general:</i> GPRS					
	NP-16 2002-06-24	5 . 1 . 0	get it	<i>remarks - this release:</i>					
	NP-17 2002-09-17	5 . 2 . 0	get it						
	NP-18 2003-01-09	5 . 3 . 0	get it						
	NP-20 2003-06-23	5 . 4 . 0	get it						
	NP-21 2003-10-01	5 . 5 . 0	get it						
	NP-22 2004-01-13	5 . 6 . 0	get it						

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

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ACTIVE specs Rel-5 27 .- series
Server 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 2002-06-26 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 2002-06-26 5 . 0 . 0

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

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

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

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

Rel-5 *current version:* 5.4.0
freeze_meeting: SP-15
history (event, available, version,
SP-15 2002-03-28 5 . 0 . 0
SP-16 2002-06-28 5 . 1 . 0
SP-17 2002-09-24 5 . 2 . 0
SP-18 2003-01-03 5 . 3 . 0
SP-21 2003-10-03 5 . 4 . 0

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

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

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

G = required in systems with GERAN 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 29.002 Mobile Application Part (MAP) specification

Rel-5	<i>current version:</i> 5.9.0					<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-14	2002-01-18	5	.	0	.	0	get it	<i>remarks - general:</i>
NP-15	2002-04-04	5	.	1	.	0	get it	<i>remarks - this release:</i> .
NP-16	2002-06-21	5	.	2	.	0	get it	
NP-17	2002-09-24	5	.	3	.	0	get it	
NP-18	2003-01-09	5	.	4	.	0	get it	
NP-19	2003-04-04	5	.	5	.	0	get it	
NP-20	2003-07-04	5	.	6	.	0	get it	delayed availability due to complexity of changes
Correct dangling connector in SDL	2003-07-07	5	.	6	.	1	get it	
Mention of some CRs had been omitted from change history table	2003-07-15	5	.	6	.	2	get it	
NP-21	2003-10-09	5	.	7	.	0	get it	
NP-22	2004-01-13	5	.	8	.	0	get it	
NP-23		5	.	9	.	0		

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	<i>current version:</i> 5.9.0					<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> NP-15					<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version,</i>								
NP-14	2002-01-11	5	.	0	.	0	get it	<i>remarks - general:</i>
NP-15	2002-03-20	5	.	1	.	0	get it	<i>remarks - this release:</i> .
NP-16	2002-06-28	5	.	2	.	0	get it	
NP-17	2002-09-17	5	.	3	.	0	get it	
NP-18	2003-01-09	5	.	4	.	0	get it	
NP-19	2003-03-27	5	.	5	.	0	get it	
NP-20	2003-06-23	5	.	6	.	0	get it	
NP-21	2003-10-01	5	.	7	.	0	get it	
NP-22	2004-01-22	5	.	8	.	0	get it	
NP-23		5	.	9	.	0		

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 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Rel-5	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	5.6.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
	TeliaSonera AB								
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	NP-16 2002-06-21	5 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)		
	NP-17 2002-09-18	5 . 1 . 0				get it	<i>remarks - this release:</i> .		
	NP-18 2003-01-07	5 . 2 . 0				get it			
	NP-20 2003-06-27	5 . 3 . 0				get it			
	Implemented CR 2003-07-04	5 . 3 . 1				get it			
	29.010-090								
	removed								
	NP-21 2003-10-09	5 . 4 . 0				get it			
	NP-22 2004-01-12	5 . 5 . 0				get it			
	NP-23	5 . 6 . 0							

TS 29.011	Signalling Interworking for Supplementary Services								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	NP-16 2002-06-25	5 . 0 . 0				get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		

TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	NP-16 2002-06-25	5 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4		
							<i>remarks - this release:</i> .		

TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification								
Rel-5	<i>current version:</i> 5.0.0		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15		G: yes	U: yes		MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>								
	NP-16 2002-06-26	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 29 .- series
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TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

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

history (event, available, version,

NP-14	2002-01-04	5	.	0	.	0	get it <i>remarks - general:</i>
NP-15	2002-03-19	5	.	1	.	0	get it <i>remarks - this release: .</i>
NP-16	2002-06-26	5	.	2	.	0	get it
NP-18	2002-12-18	5	.	3	.	0	get it
NP-20	2003-07-03	5	.	4	.	0	get it
NP-21	2003-10-10	5	.	5	.	0	get it

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-14	2002-01-11	5	.	0	.	0	get it <i>remarks - general:</i>
NP-14 editorial	2002-01-18	5	.	0	.	1	get it <i>remarks - this release: .</i>
NP-15	2002-03-28	5	.	1	.	0	get it
NP-16	2002-06-21	5	.	2	.	0	get it
NP-17	2002-09-18	5	.	3	.	0	get it
NP-18	2003-01-07	5	.	4	.	0	get it
NP-19	2003-04-04	5	.	5	.	0	get it
NP-20	2003-06-27	5	.	6	.	0	get it
NP-21	2003-10-09	5	.	7	.	0	get it
NP-22	2004-01-12	5	.	8	.	0	get it
NP-23		5	.	9	.	0	

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

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Server ACTIVE specs Rel-5 29 .- series
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TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)				
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-17	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-14 2002-01-14	5 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the
	NP-15 2002-03-20	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 2002-07-02	5 . 2 . 0	get it		
edito post	NP-16 2002-07-25	5 . 2 . 1	get it		
	NP-17 2002-09-17	5 . 3 . 0	get it		
	NP-18 2003-01-09	5 . 4 . 0	get it		
	NP-19 2003-03-27	5 . 5 . 0	get it		
	NP-20 2003-06-23	5 . 6 . 0	get it		
	NP-21 2003-10-01	5 . 7 . 0	get it		
	NP-22 2004-01-15	5 . 8 . 0	get it		
<hr/>					
TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	NP-16 2002-06-18	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
	NP-17 2002-09-17	5 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 4
	NP-18 2002-12-18	5 . 2 . 0	get it		
	NP-19 2003-03-25	5 . 3 . 0	get it		
	NP-20 2003-06-25	5 . 4 . 0	get it		
	NP-21 2003-09-29	5 . 5 . 0	get it		
	NP-22 2004-01-05	5 . 6 . 0	get it		
edito post	NP-22 2004-01-22	5 . 6 . 1	get it		Editorial corrections to ASN.1
	NP-23	5 . 7 . 0			
<hr/>					
TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen		
	<i>history (event, available, version,</i>				
	RP-15 2002-03-25	5 . 0 . 0	get it	<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)
	RP-16 2002-06-28	5 . 1 . 0	get it	<i>remarks - this release:</i>	.
	RP-18 2003-01-03	5 . 2 . 0	get it		
	RP-19 2003-03-26	5 . 3 . 0	get it		

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

3GPP specification status

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Server ACTIVE specs Rel-5 29 .- series
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TS 29.119 GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 2002-06-25 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:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 2002-06-26 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
N5-22 2003-04-04 5 . 1 . 1 (Introduction, Reference Titles) [get it](#)
NP-20 2003-06-18 5 . 2 . 0 [get it](#)
NP-21 2003-09-30 5 . 3 . 0 [get it](#)
NP-22 2004-02-02 5 . 4 . 0 [get it](#) Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-06-26 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
add missing 2002-10-09 5 . 1 . 1 [get it](#)
attachments post
NP-17
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-20 2003-06-18 5 . 3 . 0 [get it](#)
NP-21 2003-09-30 5 . 4 . 0 [get it](#)
NP-22 2004-01-30 5 . 5 . 0 [get it](#) Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-07-05 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-20 2003-06-18 5 . 3 . 0 [get it](#)
NP-21 2003-09-30 5 . 4 . 0 [get it](#)
NP-22 2004-01-30 5 . 5 . 0 [get it](#) Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-20 2003-06-18 5 . 3 . 0 [get it](#)
NP-21 2003-09-30 5 . 4 . 0 [get it](#)

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

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-16	2002-07-19	5	.	0	.	0	
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - general:</i>
NP-19	2003-04-04	5	.	2	.	0	get it <i>remarks - this release: .</i>
NP-20	2003-06-18	5	.	3	.	0	get it
NP-21	2003-09-30	5	.	4	.	0	get it
NP-22	2004-01-30	5	.	5	.	0	get it

Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data Service Capability Feature (SCF)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-16	2002-07-19	5	.	0	.	0	
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - general:</i>
NP-19	2003-04-04	5	.	2	.	0	get it <i>remarks - this release: .</i>
NP-20	2003-06-18	5	.	3	.	0	get it
NP-21	2003-09-30	5	.	4	.	0	get it
NP-22	2004-01-30	5	.	5	.	0	get it

Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

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Server ACTIVE specs Rel-5 29 .- series
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TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control Service Capability Feature (SCF)

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-20 2003-06-18 5 . 3 . 0 [get it](#)
NP-21 2003-09-30 5 . 4 . 0 [get it](#)
NP-22 2004-01-30 5 . 5 . 0 [get it](#)
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-06-26 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-20 2003-06-18 5 . 3 . 0 [get it](#)
NP-21 2003-09-30 5 . 4 . 0 [get it](#)
NP-22 2004-01-30 5 . 5 . 0 [get it](#)
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

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

history (event, available, version,
NP-16 2002-06-26 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-21 2003-09-30 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 29 .- series
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TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-15 2002-03-27 5 . 0 . 0 [get it](#) *remarks - general:*
NP-16 2002-06-26 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-17 2002-10-01 5 . 2 . 0 [get it](#)
NP-19 2003-04-04 5 . 3 . 0 [get it](#)
NP-21 2003-09-30 5 . 4 . 0 [get it](#)

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 2002-06-26 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-20 2003-06-18 5 . 3 . 0 [get it](#)
NP-21 2003-09-30 5 . 4 . 0 [get it](#)

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 2002-07-05 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-21 2003-09-30 5 . 3 . 0 [get it](#)

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

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-07-05 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 2003-04-04 5 . 2 . 0 [get it](#)
NP-21 2003-09-30 5 . 3 . 0 [get it](#)
NP-22 2004-01-30 5 . 4 . 0 [get it](#)
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
draft 2002-01-29 0 . 0 . 1 N5-020036 [get it](#) *remarks - general:*
draft 2002-04-22 1 . 0 . 0 [get it](#) *remarks - this release:* .
NP-16 2002-05-31 2 . 0 . 0 NP-020195 [get it](#)
NP-16 2002-06-17 5 . 0 . 0 [get it](#)
NP-17 2002-10-01 5 . 1 . 0 [get it](#)
NP-21 2003-09-30 5 . 2 . 0 [get it](#)
NP-22 2004-01-30 5 . 3 . 0 [get it](#)
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

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

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
draft 2002-04-22 1 . 0 . 0 [get it](#) *remarks - general:*
NP-16 2002-05-31 2 . 0 . 0 NP-020196 [get it](#) *remarks - this release:* .
NP-16 2002-06-17 5 . 0 . 0 [get it](#)
NP-17 2002-10-01 5 . 1 . 0 [get it](#)
NP-20 2003-06-18 5 . 2 . 0 [get it](#)
NP-21 2003-09-30 5 . 3 . 0 [get it](#)
NP-22 2004-01-30 5 . 4 . 0 [get it](#)
Late delivery (anticipated late 2004-02)
due to dependencies external to MCC
on programme code attachments
(Java, CORBA).

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

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

history (event, available, version,
NP-16 2002-06-25 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-18 2003-01-07 5 . 2 . 0 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-16 2002-06-25 5 . 0 . 0 [get it](#) *remarks - general:*
NP-20 2003-06-27 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

3GPP specification status

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

TS 29.207 Policy control over Go interface

Rel-5 *current version:* 5.7.0
freeze_meeting: NP-16

WG (prime / other): N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version,

draft	2001-11-08	0	.	2	.	0	
draft	2002-01-14	0	.	5	.	0	
draft	2002-02-18	0	.	6	.	0	
NP-15	2002-03-19	1	.	0	.	0	NP-020078
draft	2002-04-18	1	.	1	.	0	
NP-16	2002-06-26	2	.	0	.	0	NP-020167 (RFC ref needs cleaning)
NP-16	2002-06-28	5	.	0	.	0	
NP-17	2002-09-19	5	.	1	.	0	
NP-18	2003-01-14	5	.	2	.	0	
NP-19	2003-03-27	5	.	3	.	0	
NP-20	2003-06-25	5	.	4	.	0	
NP-21	2003-10-08	5	.	5	.	0	
edito post NP-21	2003-10-09	5	.	5	.	1	
NP-22	2004-01-13	5	.	6	.	0	
NP-23		5	.	7	.	0	

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remarks - general:

NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".

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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 Rel-5 29 .- series
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TS 29.208 End to end Quality of Service (QoS) signalling flows

Rel-5 *current version:* 5.7.0
freeze_meeting: NP-16

WG (prime / other): N3 / *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation
G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version,

draft	2001-11-08	0	.	1	.	0		get it	<i>remarks - general:</i>
draft	2002-01-14	0	.	2	.	0		get it	<i>remarks - this release: .</i>
draft	2002-02-18	0	.	3	.	1		get it	
NP-15	2002-03-19	1	.	0	.	0	NP-020079	get it	
draft	2002-04-18	1	.	1	.	0		get it	
NP-16	2002-06-26	2	.	0	.	0	NP-020166	get it	
NP-16	2002-06-28	5	.	0	.	0		get it	
NP-17	2002-09-18	5	.	1	.	0		get it	
NP-18	2003-01-09	5	.	2	.	0		get it	
NP-19	2003-03-27	5	.	3	.	0		get it	
ediotiral post	2003-04-09	5	.	3	.	1		get it	
NP-19									
NP-20	2003-06-23	5	.	4	.	0		get it	
NP-21	2003-10-08	5	.	5	.	0		get it	
edito post	NP-21	2003-10-09	5	.	5	.	1	get it	
	NP-22	2004-01-22	5	.	6	.	0	get it	
	NP-23		5	.	7	.	0		

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

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

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

Rel-5 *current version: 5.7.0* WG (prime / other): N4 / rapporteur: PALLARES LÓPEZ, Telefon AB LM Ericsson
freeze_meeting: NP-16 G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-12	2001-07-04	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	2002-01-02	1	.	0	.	0	NP-010627
draft	2002-03-28	1	.	1	.	0	
NP-16	2002-06-25	2	.	0	.	0	NP-020264
NP-16	2002-06-25	5	.	0	.	0	
NP-17	2002-09-17	5	.	1	.	0	
NP-18	2003-01-07	5	.	2	.	0	
NP-19	2003-04-07	5	.	3	.	0	
NP-20	2003-06-27	5	.	4	.	0	
NP-21	2003-10-09	5	.	5	.	0	
NP-22	2004-01-12	5	.	6	.	0	
NP-23		5	.	7	.	0	

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

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

3GPP specification status

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Server ACTIVE specs Rel-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:* 5.6.0 *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	2002-01-02	1	.	0	.	0	NP-010628
draft	2002-03-28	1	.	1	.	0	
NP-16	2002-06-26	2	.	0	.	0	NP-020265
NP-16	2002-06-25	5	.	0	.	0	
NP-17	2002-09-18	5	.	1	.	0	
NP-18	2003-01-07	5	.	2	.	0	
NP-19	2003-04-07	5	.	3	.	0	
NP-20	2003-06-27	5	.	4	.	0	
NP-21	2003-10-10	5	.	5	.	0	
NP-22	2004-01-12	5	.	6	.	0	

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

remarks - this release: .

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: NP-15

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

history (event, available, version,

NP-14	2002-01-11	5	.	0	.	0	
NP-14 editorial	2002-01-18	5	.	0	.	1	
NP-15	2002-03-28	5	.	1	.	0	
NP-16	2002-06-21	5	.	2	.	0	
NP-17	2002-09-18	5	.	3	.	0	
NP-18	2003-01-07	5	.	4	.	0	
NP-19	2003-04-04	5	.	5	.	0	
NP-20	2003-06-27	5	.	6	.	0	
NP-23		5	.	7	.	0	

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

remarks - this release: .

[get it](#)

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

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

TS 29.278	customized 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	MCC:	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 2002-09-24	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 2002-09-17	5 . 0 . 0			get it			
	NP-18 2003-01-10	5 . 1 . 0			get it			
	NP-19 2003-03-25	5 . 2 . 0			get it			
<hr/>								
TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents							
Rel-5	<i>current version:</i> 5.7.0					<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> NP-16					G: yes U: yes	MCC:	KYMALAINEN, Kimmo
	<i>history (event, available, version,</i>							
	NP-16 2002-06-26	2 . 0 . 0	NP-020277		get it		<i>remarks - general:</i>	NP-21: Title changed to include Dh interface as well as Sh.
	NP-16 2002-06-25	5 . 0 . 0			get it		<i>remarks - this release:</i>	.
	NP-17 2002-09-18	5 . 1 . 0			get it			
	NP-18 2003-01-07	5 . 2 . 0			get it			
	edito to replace	2003-01-08	5 . 2 . 1		get it			
	lost annex E post							
	NP-18							
	NP-19 2003-04-07	5 . 3 . 0			get it			
	attached XSD file	2003-04-25	5 . 3 . 1		get it			
	attached correct	2003-04-29	5 . 3 . 2	Says WG Secretary: nobody's perfect	get it			
	XSD file			- except Bo Derek				
	NP-20 2003-06-27	5 . 4 . 0			get it			
	NP-21 2003-10-09	5 . 5 . 0			get it			
	NP-22 2004-01-12	5 . 6 . 0			get it			
	NP-23	5 . 7 . 0						

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 29.329 Sh interface based on the Diameter protocol

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 2002-06-26 2 . 0 . 1 NP-020266 [get it](#) *remarks - general:*
NP-16 2002-06-25 5 . 0 . 0 [get it](#) *remarks - this release:* .
NP-17 2002-09-17 5 . 1 . 0 [get it](#)
NP-18 2003-01-07 5 . 2 . 0 [get it](#)
NP-19 2003-04-07 5 . 3 . 0 [get it](#)
NP-20 2003-06-27 5 . 4 . 0 [get it](#)
NP-22 2004-01-12 5 . 4 . 1 updates application IDs for Cx/Sh [get it](#)
allocated by IANA
NP-23 5 . 5 . 0

TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-15 2002-03-20 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 29.415 Core network Nb interface user plane protocols

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-15 2002-03-20 5 . 0 . 0 [get it](#) *remarks - general:*
NP-19 2003-03-27 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 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 4: Multiparty Call Control

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
draft 2002-02-19 0 . 2 . 1 N5-020084 [get it](#) *remarks - general:* Evidence for existence unearthed in N5-020143.
draft 2002-04-22 1 . 0 . 0 [get it](#) *remarks - this release:* .Was originally Rel-6, but moved to Rel 5 NP-15.
NP-16 2002-05-31 2 . 0 . 0 NP-020198 (RFC nos. to be [get it](#)
NP-16 2002-06-20 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:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-06-20 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:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-06-20 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-06-20 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:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-16 2002-06-20 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 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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

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

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

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new
freeze_meeting: TP-21 *G: yes U: yes* *MCC:* JURISIC, Andrijana One
history (event, available, version,
remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: TP-17 *G: U: yes* *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-17 2002-09-18 5 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 2003-01-02 5 . 1 . 0 [get it](#) *remarks - this release:* TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.

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

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

TS 31.102 Characteristics of the USIM application

Rel-5 *current version:* 5.8.0

freeze_meeting: TP-15

history (event, available, version,

TP-15	2002-03-28	5	.	0	.	0
TP-16	2002-06-28	5	.	1	.	0
TP-17	2002-09-25	5	.	2	.	0
TP-18	2003-01-02	5	.	3	.	0
TP-19	2003-04-01	5	.	4	.	0
TP-20	2003-06-23	5	.	5	.	0
TP-21	2003-09-30	5	.	6	.	0
TP-22	2004-01-12	5	.	7	.	0
TP-23		5	.	8	.	0

WG (prime / other): T3 / -

G: U: yes

rapporteur: HEIM, Christian

MCC: JURISIC, Andrijana

GIESECKE & DEVRIENT GmbH

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

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-5 *current version:* 5.6.0

freeze_meeting: TP-16

history (event, available, version,

TP-16	2002-06-26	1	.	0	.	0	TP-020124
TP-16	2002-06-28	5	.	0	.	0	
TP-17	2002-09-25	5	.	1	.	0	
TP-18	2003-01-02	5	.	2	.	0	
TP-19	2003-03-26	5	.	3	.	0	
TP-20	2003-06-23	5	.	4	.	0	
TP-22	2004-01-12	5	.	5	.	0	
TP-23		5	.	6	.	0	

WG (prime / other): T3 /

G: yes U: yes

rapporteur: N, A

MCC: JURISIC, Andrijana

Indicate persons who left Company and wait for new One

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

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

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T3 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-14 2002-01-02 1 . 0 . 0 TP-010248 [get it](#) *remarks - general:*
TP-15 2002-03-19 1 . 5 . 1 TP-020030 [get it](#) *remarks - this release:*
TP-15 2002-03-19 2 . 0 . 0 TP-020077 [get it](#)
TP-15 2002-03-28 5 . 0 . 0 [get it](#)
TP-16 2002-06-19 5 . 1 . 0 [get it](#)
TP-17 2002-09-25 5 . 2 . 0 [get it](#)
TP-19 2003-03-26 5 . 3 . 0 [get it](#)

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

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: *G:* *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version,
remarks - general: based on R99 core spec; split into 2 parts (this is 2)
remarks - this release: 2003-07-15 (Dietze): It is the intention that a Rel-5 be created - eventually.

TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-15 2002-03-28 5 . 0 . 0 [get it](#) *remarks - general:*
TP-16 2002-06-19 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-19 2003-03-26 5 . 2 . 0 [get it](#)
TP-21 2003-09-29 5 . 3 . 0 [get it](#)
TP-22 2004-01-12 5 . 4 . 0 [get it](#)

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

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

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

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:*
SP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 2003-01-06 5 . 2 . 0 [get it](#)
SP-19 2003-03-31 5 . 3 . 0 [get it](#)
SP-20 2003-06-18 5 . 4 . 0 [get it](#)
SP-21 2003-10-02 5 . 5 . 0 [get it](#)

TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:*
SP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 2003-01-06 5 . 2 . 0 [get it](#)
SP-19 2003-03-31 5 . 3 . 0 [get it](#)
SP-21 2003-10-03 5 . 4 . 0 [get it](#)
SP-22 2004-01-05 5 . 5 . 0 [get it](#)
post SP-22 edito 2004-01-13 5 . 5 . 1 [get it](#)
SP-23 5 . 6 . 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 A/S
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito (layout and 2003-01-07 5 . 1 . 1 [get it](#)
references)

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 2002-09-20 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 2003-01-09 5 . 2 . 0 [get it](#)
SP-19 2003-03-31 5 . 3 . 0 [get it](#)
SP-20 2003-06-27 5 . 4 . 0 [get it](#)

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-5 *current version:* 5.5.1 *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 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 2002-10-08 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 2003-01-09 5 . 2 . 0 [get it](#)
SP-19 2003-04-01 5 . 3 . 0 [get it](#)
SP-20 2003-06-27 5 . 4 . 0 [get it](#)
SP-22 2004-01-05 5 . 5 . 0 [get it](#)
post SP-22 edito 2004-01-13 5 . 5 . 1 [get it](#)

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-5 *current version:* 5.7.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-16 2002-06-20 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-17 2002-09-20 5 . 2 . 0 [get it](#)
SP-18 2003-01-09 5 . 3 . 0 [get it](#)
SP-19 2003-04-01 5 . 4 . 0 [get it](#)
SP-20 2003-06-27 5 . 5 . 0 [get it](#)
SP-21 2003-10-02 5 . 6 . 0 [get it](#)
SP-22 2004-01-05 5 . 7 . 0 [get it](#)
post SP-22 edito 2004-01-13 5 . 7 . 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
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-15	2002-03-26	5	.	0	.	0	get it	<i>remarks - general:</i>
SP-16	2002-06-20	5	.	1	.	0	get it	<i>remarks - this release:</i> .
SP-18	2003-01-06	5	.	2	.	0	get it	
SP-19	2003-04-02	5	.	3	.	0	get it	
SP-20	2003-06-27	5	.	4	.	0	get it	
SP-21	2003-10-02	5	.	5	.	0	get it	
SP-23		5	.	6	.	0		

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-15	2002-03-27	5	.	0	.	0	get it	<i>remarks - general:</i>
SP-16	2002-06-20	5	.	1	.	0	get it	<i>remarks - this release:</i> .
SP-18	2003-01-09	5	.	2	.	0	get it	
SP-19	2003-04-02	5	.	3	.	0	get it	
SP-20	2003-06-27	5	.	4	.	0	get it	
SP-22	2004-01-05	5	.	5	.	0	get it	
SP-23		5	.	6	.	0		

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-15	2002-03-27	5	.	0	.	0	get it	<i>remarks - general:</i>
SP-16	2002-06-20	5	.	1	.	0	get it	<i>remarks - this release:</i> .
SP-18	2003-01-09	5	.	2	.	0	get it	
SP-19	2003-04-02	5	.	3	.	0	get it	
SP-20	2003-06-09	5	.	4	.	0	get it	
SP-22	2004-01-05	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 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)					
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TEPP0, Patrik		NANJING ERICSSON PANDA COMMUNICATIONS LTD
	<i>freeze_meeting:</i> SP-17					
	<i>history (event, available, version,</i>		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
	SP-15 2002-03-19	1 . 0 . 0				get it <i>remarks - general:</i>
	SP-16 2002-06-17	1 . 5 . 0				get it <i>remarks - this release:</i> .
	draft 2002-07-19	1 . 7 . 0				get it
	SP-17 2002-09-16	2 . 0 . 0				get it
	SP-17 2002-09-18	5 . 0 . 0				get it "Support of Diameter is mandatory."
	SP-18 2003-01-06	5 . 1 . 0				get it
	SP-19 2003-04-02	5 . 2 . 0				get it
	SP-20 2003-06-27	5 . 3 . 0				get it
	SP-22 2004-01-05	5 . 4 . 0				get it
	SP-23	5 . 5 . 0				

TS 32.235	Telecommunication management; Charging management; Charging data description for application services					
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald		SIEMENS AG
	<i>freeze_meeting:</i> SP-17					
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
	SP-17 2002-09-18	5 . 0 . 0				get it <i>remarks - general:</i>
	SP-18 2003-01-07	5 . 1 . 0				get it <i>remarks - this release:</i> .
	SP-19 2003-04-02	5 . 2 . 0				get it
	SP-20 2003-06-27	5 . 3 . 0				get it
	SP-21 2003-10-02	5 . 4 . 0				get it

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					
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
	SP-17 2002-09-18	5 . 0 . 0				get it <i>remarks - general:</i> Replaces 32.106-8 (pars)
	edito post SP-18 2003-01-13	5 . 0 . 1				get it <i>remarks - this release:</i> .

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TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg		MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-15	2002-03-26	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.301-1		
	edito post SP-18	2003-01-13	5 . 0 . 1			get it	<i>remarks - this release:</i> .		
<hr/>									
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-14	2002-01-11	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.301-2		
	edito	2002-03-26	5 . 0 . 1			get it	<i>remarks - this release:</i> .		
	edito post SP-18	2003-01-13	5 . 0 . 2			get it			
	SP-20	2003-06-27	5 . 1 . 0			get it			
<hr/>									
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG		
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-15	2002-03-26	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.301-3		
	SP-17	2002-09-18	5 . 1 . 0			get it	<i>remarks - this release:</i> .		
	edito post SP-17	2002-10-01	5 . 1 . 1			get it			
	edito post SP-18	2003-01-13	5 . 1 . 2			get it			
	SP-19	2003-03-31	5 . 2 . 0			get it			
<hr/>									
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution								
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	2002-01-11	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.301-4		
	SP-15	2002-03-26	5 . 1 . 0			get it	<i>remarks - this release:</i> .		
	SP-16	2002-06-20	5 . 2 . 0			get it			
	edito post SP-18	2003-01-13	5 . 2 . 1			get it			

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TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
 SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-1
 edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#) *remarks - this release:* .
 SP-22 2004-01-05 5 . 1 . 0 [get it](#)

TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
 SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2
 edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#) *remarks - this release:* .
 SP-22 2004-01-05 5 . 1 . 0 [get it](#)

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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
 SP-16 2002-06-17 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
 SP-17 2002-09-06 2 . 0 . 0 SP-020456 [get it](#) *remarks - this release:* .
 SP-17 2002-09-18 5 . 0 . 0 [get it](#)
 edito post SP-18 2003-01-13 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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
 SP-16 2002-06-17 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
 SP-17 2002-09-16 2 . 0 . 0 SP-020457 [get it](#) *remarks - this release:* .
 SP-17 2002-09-18 5 . 0 . 0 [get it](#)
 edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#)

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TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-16 2002-06-17 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 2002-09-16 2 . 0 . 0 SP-020458 [get it](#) *remarks - this release:* .
SP-17 2002-09-18 5 . 0 . 0 [get it](#)
edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#)

TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

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 2002-06-17 1 . 0 . 0 [get it](#) *remarks - general:*
SP-17 2002-09-16 2 . 0 . 0 SP-020459 [get it](#) *remarks - this release:* .
SP-17 2002-09-18 5 . 0 . 0 [get it](#)
edito post SP-18 2003-01-13 5 . 0 . 1 [get it](#)

TS 32.401 Telecommunication management; Performance Management (PM); Concept and requirements

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:* was 32.104 (pars)
SP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-20 2003-06-27 5 . 2 . 0 [get it](#)

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TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-17 2002-09-27	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-3					
	SP-19 2003-03-31	5 . 1 . 0	get it	<i>remarks - this release:</i> .					
	SP-20 2003-06-27	5 . 2 . 0	get it						

TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-18 2003-01-08	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-4					
				<i>remarks - this release:</i> .					

TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-16 2002-06-21	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-1					
	SP-17 2002-09-27	5 . 1 . 0	get it	<i>remarks - this release:</i> .					

TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service								
Rel-5	<i>current version:</i> 5.3.0	<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 2002-09-27	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-2					
	SP-18 2003-01-07	5 . 1 . 0	get it	<i>remarks - this release:</i> .					
	edito 2003-03-31	5 . 1 . 1	get it						
	SP-22 2004-01-13	5 . 2 . 0	get it						
	SP-23	5 . 3 . 0							

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 2002-09-27	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-3					
	SP-19 2003-03-31	5 . 1 . 0	get it	<i>remarks - this release:</i> .					

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TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-18 2003-01-07 5 . 0 . 0 [get it](#) *remarks - general:* was 32.602-4
remarks - this release: .

TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 2002-06-21 5 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5
edito after SP-17 2002-09-18 5 . 0 . 1 [get it](#) *remarks - this release:* .
SP-20 2003-06-27 5 . 1 . 0 [get it](#)
SP-21 2003-10-01 5 . 2 . 0 [get it](#)
Adds XML file with 2003-10-17 5 . 2 . 1 [get it](#)
reference from
document
SP-22 2004-01-14 5 . 3 . 0 [get it](#)
SP-23 5 . 4 . 0

TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:* was 32.620-1
remarks - this release: .

TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:* was 32.620-2
SP-20 2003-06-27 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-22 2004-01-13 5 . 2 . 0 [get it](#)
SP-23 5 . 3 . 0

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TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture							
Rel-5	current version: (CORBA) solution set	5.2.0	WG (prime / other):	S5	/-	rapporteur:	PIRT, Trevor	
	MOTOROLA Ltd							
	freeze_meeting: SP-17		G: yes	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-17 2002-09-27	5 . 0 . 0			get it	remarks - general: was 32.620-3		
	SP-19 2003-04-01	5 . 1 . 0			get it	remarks - this release: .		
	SP-23	5 . 2 . 0						
TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol							
Rel-5	current version: (CMIP) solution set	5.3.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	
	SIEMENS AG							
	freeze_meeting: SP-17		G: yes	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-17 2002-09-27	5 . 0 . 0			get it	remarks - general: was 32.620-4		
	SP-21 2003-10-02	5 . 1 . 0			get it	remarks - this release: .		
	SP-22 2004-01-13	5 . 2 . 0			get it			
	SP-23	5 . 3 . 0						
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file							
Rel-5	current version: format definition	5.2.0	WG (prime / other):	S5	/-	rapporteur:	BONNEAU, Frédéric	
	NORTEL NETWORKS (EUROPE)							
	freeze_meeting: SP-15		G: yes	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-16 2002-06-17	1 . 0 . 0			get it	remarks - general: SP-020298 pars		
	SP-17 2002-09-06	2 . 0 . 0			get it	remarks - this release: .		
	SP-17 2002-09-18	5 . 0 . 0			get it			
	SP-20 2003-06-27	5 . 1 . 0			get it			
	Editorials & Cosmetics	5 . 1 . 1			get it			
	Adds XML file with reference from document	2003-10-17	5 . 1 . 2		get it			
	SP-23	5 . 2 . 0						

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TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements									
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-16		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>	SP-16 2002-06-28	5 . 0 . 0				get it	<i>remarks - general:</i> was 32.621-1			
							<i>remarks - this release:</i> .			
<hr/>										
TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)									
Rel-5	<i>current version:</i> 5.5.0		<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 2002-09-23	5 . 0 . 0				get it	<i>remarks - general:</i> was 32.621-2			
	SP-18 2003-01-07	5 . 1 . 0				get it	<i>remarks - this release:</i> .			
	SP-19 2003-04-01	5 . 2 . 0				get it				
	SP-20 2003-06-27	5 . 3 . 0				get it				
	SP-21 2003-10-15	5 . 4 . 0				get it				
	SP-22 2004-01-13	5 . 5 . 0				get it				
<hr/>										
TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture									
Rel-5	<i>current version:</i> (CORBA) solution set	5.1.0	<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 2002-09-27	5 . 0 . 0				get it	<i>remarks - general:</i> was 32.621-3			
	SP-18 2003-01-07	5 . 1 . 0				get it	<i>remarks - this release:</i> .			
<hr/>										
TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)									
Rel-5	<i>current version:</i> solution set	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf					
SIEMENS AG										
	<i>freeze_meeting:</i> SP-17		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>	SP-18 2003-01-08	5 . 0 . 0				get it	<i>remarks - general:</i> was 32.621-4			
	SP-22 2004-01-13	5 . 1 . 0				get it	<i>remarks - this release:</i> .			
	SP-23	5 . 2 . 0								

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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: format definition</i>	5.2.0	<i>WG (prime / other):</i>	S5 / -
	NORTEL NETWORKS (EUROPE)			<i>rapporteur:</i> BONNEAU, Frédéric
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-16 2002-06-17 1 . 0 . 0	SP-020298 pars	get it	<i>remarks - general:</i> RP-15: existence gleaned from S5 report.
	SP-17 2002-09-16 2 . 0 . 0	SP-020461	get it	<i>remarks - this release:</i> .
	SP-17 2002-09-18 5 . 0 . 0		get it	
	SP-20 2003-06-27 5 . 1 . 0		get it	
	Adds XML file with 2003-10-17 5 . 1 . 1		get it	
	reference from document			
	SP-23 5 . 2 . 0			
TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements			
Rel-5	<i>current version: 5.0.0</i>		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17		G: U: yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 2002-09-27 5 . 0 . 0		get it	<i>remarks - general:</i> was 32.622-1
				<i>remarks - this release:</i> .
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-5	<i>current version: 5.3.0</i>		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert Ericsson AB
	<i>freeze_meeting:</i> SP-17		G: U: yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 2002-09-27 5 . 0 . 0		get it	<i>remarks - general:</i> was 32.622-2
	SP-18 2003-01-07 5 . 1 . 0		get it	<i>remarks - this release:</i> .
	edito post SP-18 2003-01-09 5 . 1 . 1		get it	
	to accept all rev marks			
	SP-20 2003-06-26 5 . 2 . 0		get it	
	SP-22 2004-01-13 5 . 3 . 0		get it	

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TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture							
Rel-5	current version: (CORBA) solution set	5.2.0	WG (prime / other):	S5	/-	rapporteur:	RAYMER, David	
	Motorola Inc.							
	freeze_meeting: SP-17		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-17 2002-09-27	5 . 0 . 0		get it	remarks - general:	was 32.622-3		
	SP-20 2003-06-27	5 . 1 . 0		get it	remarks - this release:	.		
	SP-22 2004-01-13	5 . 2 . 0		get it				
TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol							
Rel-5	current version: (CMIP) solution set	5.4.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	
	SIEMENS AG							
	freeze_meeting: SP-17		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-18 2003-01-08	5 . 0 . 0		get it	remarks - general:	was 32.622-4		
	SP-20 2003-06-26	5 . 1 . 0		get it	remarks - this release:	.		
	SP-21 2003-10-02	5 . 2 . 0		get it				
	SP-22 2004-01-13	5 . 3 . 0		get it				
	SP-23	5 . 4 . 0						
TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file							
Rel-5	current version: format definition	5.4.0	WG (prime / other):	S5	/	rapporteur:	BONNEAU, Frédéric	
	NORTEL NETWORKS (EUROPE)							
	freeze_meeting: SP-16		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-16 2002-06-17	1 . 0 . 0		get it	remarks - general:			
	SP-17 2002-09-16	2 . 0 . 0		get it	remarks - this release:	.		
	SP-17 2002-09-18	5 . 0 . 0		get it				
	SP-20 2003-06-27	5 . 1 . 0		get it				
	SP-21 2003-10-01	5 . 2 . 0		get it				
	Adds XML file with	2003-10-17		get it				
	reference from							
	document							
	SP-22 2004-01-14	5 . 3 . 0		get it				
	SP-23	5 . 4 . 0						

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

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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		G: yes U:	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-17	2002-09-27	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.623-1				
					<i>remarks - this release:</i> .				
<hr/>									
TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB				
	<i>freeze_meeting:</i> SP-17		G: yes U:	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-17	2002-09-27	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.623-2				
edito post	SP-18 2003-01-09	5 . 0 . 1		get it	<i>remarks - this release:</i> .				
	SP-20 2003-06-26	5 . 1 . 0		get it					
	SP-21 2003-10-01	5 . 2 . 0		get it					
	SP-22 2004-01-14	5 . 3 . 0		get it					
<hr/>									
TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-5	<i>current version:</i> (CORBA) solution set	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAYMER, David				
Motorola Inc.									
	<i>freeze_meeting:</i> SP-17		G: yes U:	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-17	2002-10-08	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.623-3				
edito post	SP-18 2003-01-09	5 . 0 . 1		get it	<i>remarks - this release:</i> .				
	SP-20 2003-06-27	5 . 1 . 0		get it					
	SP-21 2003-10-01	5 . 2 . 0		get it					
<hr/>									
TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol								
Rel-5	<i>current version:</i> (CMIP) solution set	5.3.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf				
SIEMENS AG									
	<i>freeze_meeting:</i> SP-17		G: yes U:	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-18	2003-01-08	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.623-4				
	SP-20 2003-06-27	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	SP-21 2003-10-02	5 . 2 . 0		get it					
	SP-22 2004-01-13	5 . 3 . 0		get it					

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

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TS 32.655 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5 *current version: format definition* 5.4.0 *WG (prime / other):* S5 */ rapporteur:* BONNEAU, Frédéric
NORTEL NETWORKS (EUROPE) */ rapporteur:*

freeze_meeting: SP-16 G: yes U: yes MCC: ZOICAS, Adrian
history (event, available, version,
SP-16 2002-06-17 1 . 0 . 0 SP-020298 pars [get it](#) *remarks - general:*
SP-17 2002-09-16 2 . 0 . 0 SP-020463 [get it](#) *remarks - this release:*
SP-17 2002-09-18 5 . 0 . 0 [get it](#)
SP-20 2003-06-27 5 . 1 . 0 [get it](#)
SP-21 2003-10-01 5 . 2 . 0 [get it](#)
Adds XML file with 2003-10-17 5 . 2 . 1 [get it](#)
reference from
document
SP-22 2004-01-14 5 . 3 . 0 [get it](#)
SP-23 5 . 4 . 0

TS 32.661 Telecommunication management; Configuration Management (CM); Kernel CM requirements
Rel-5 *current version: 5.1.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-17 G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,
draft 2002-01-31 0 . 1 . 0 [get it](#) *remarks - general:*
SP-15 2002-03-19 1 . 0 . 0 SP-020034 pars [get it](#) *remarks - this release: .*
SP-17 2002-09-16 2 . 0 . 0 SP-020464 [get it](#)
SP-17 2002-09-18 5 . 0 . 0 [get it](#)
SP-18 2003-01-07 5 . 1 . 0 [get it](#)

TS 32.662 Telecommunication management; Configuration Management (CM); Kernel CM information service
Rel-5 *current version: 5.2.0* *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-18 G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,
draft 2002-01-31 0 . 1 . 0 [get it](#) *remarks - general:*
SP-15 2002-03-19 1 . 0 . 0 SP-020034 pars [get it](#) *remarks - this release: .*
SP-17 2002-09-16 2 . 0 . 0 SP-020465 [get it](#)
SP-17 2002-09-18 5 . 0 . 0 [get it](#)
SP-22 2004-01-13 5 . 1 . 0 [get it](#)
SP-23 5 . 2 . 0

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

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 2002-09-16 1 . 0 . 0 SP-020466 [get it](#) *remarks - general:*
SP-17 2002-09-18 5 . 0 . 0 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17 Oh yes it will!
SP-19 2003-04-03 5 . 1 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-18 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 2002-09-16 1 . 0 . 0 SP-020467 [get it](#) *remarks - general:*
SP-18 2003-01-07 2 . 0 . 0 SP-020743 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17: Yes it will!
SP-18 2003-01-07 5 . 0 . 0 [get it](#)

TS 32.671 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
draft 2002-01-17 0 . 1 . 2 [get it](#) *remarks - general:*
SP-16 2002-06-17 1 . 0 . 0 SP-020329 pars [get it](#) *remarks - this release:* .
SP-17 2002-07-19 2 . 0 . 0 SP-020468 [get it](#)
SP-17 2002-09-18 5 . 0 . 0 [get it](#)

TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
draft 2002-07-19 0 . 0 . 0 [get it](#) *remarks - general:*
draft 2002-01-17 0 . 1 . 1 [get it](#) *remarks - this release:* .
SP-16 2002-06-17 1 . 0 . 0 SP-020329 pars [get it](#)
SP-17 2002-09-16 2 . 0 . 0 SP-020469 [get it](#)
SP-17 2002-09-18 5 . 0 . 0 [get it](#)

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

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)
Rel-5	current version: solution set
Motorola Inc.	5.1.0
	WG (prime / other): S5
	/- rapporteur: RAYMER, David
	freeze_meeting: SP-15
	G: U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
SP-17 2002-09-16 1 . 0 . 0	SP-020470
SP-17 2002-09-18 5 . 0 . 0	get it remarks - general:
SP-19 2003-04-01 5 . 1 . 0	get it remarks - this release: .
	get it

TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)
Rel-5	current version: 5.1.0
	WG (prime / other): S5 / -
	freeze_meeting: SP-15
	G: U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
draft 2002-01-17 0 . 1 . 0	get it remarks - general:
draft 2002-07-19 1 . 0 . 0	get it remarks - this release: .
SP-17 2002-09-16 2 . 0 . 0	SP-020471
SP-17 2002-09-18 5 . 0 . 0	get it
SP-21 2003-10-02 5 . 1 . 0	get it

TS 32.691	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements
Rel-5	current version: 5.0.0
	WG (prime / other): S5 /
	freeze_meeting: SP-17
	G: yes U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
SP-17 2002-08-30 1 . 0 . 0	SP-020472
SP-17 2002-09-18 5 . 0 . 0	get it remarks - general:
	get it remarks - this release: .

TS 32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	current version: 5.0.0
	WG (prime / other): S5 /
	freeze_meeting: SP-17
	G: yes U: yes
	MCC: ZOICAS, Adrian
history (event, available, version,	
SP-17 2002-08-30 1 . 0 . 0	SP-020473
SP-17 2002-09-18 5 . 0 . 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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TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 32.802 Telecommunication management; User Equipment Management (UEM) feasibility study
Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-13 2001-10-01 0 . 0 . 2 TP-010213 (!) [get it](#) *remarks - general:*
SP-14 2002-01-02 1 . 0 . 0 SP-010652 (also TP-010283) [get it](#) *remarks - this release:* SP-21: No rapporteur, work stopped.
draft 2002-01-28 1 . 0 . 1 [get it](#)
draft 2002-01-31 1 . 0 . 2 [get it](#)
SP-15 2002-03-19 1 . 0 . 4 SP-020011 [get it](#)
SP-16 2002-06-17 2 . 0 . 0 SP-020331 [get it](#)
SP-16 2002-06-20 5 . 0 . 0 [get it](#)
SP-17 2002-09-18 5 . 1 . 0 [get it](#)

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

TS 33.102 3G security; Security architecture
Rel-5 *current version:* 5.3.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-16 2002-06-19 5 . 0 . 0 [get it](#) *remarks - general:*
SP-18 2002-12-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-20 2003-06-18 5 . 2 . 0 [get it](#)
SP-21 2003-09-30 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 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.106 Lawful interception requirements
Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version,
SP-11 2001-04-04 5 . 0 . 0
SP-17 2002-09-18 5 . 1 . 0

WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold
G: *U:* yes *MCC:* POPE, Maurice BUNDESMINISTERIUM FUR WIRTSCHAFT

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

TS 33.107 3G security; Lawful interception architecture and functions
Rel-5 *current version:* 5.6.0
freeze_meeting: SP-15
history (event, available, version,
SP-12 2001-07-04 5 . 0 . 0
SP-14 2002-01-07 5 . 1 . 0
SP-15 2002-03-26 5 . 2 . 0
edito post SP-15 2002-04-15 5 . 2 . 1 Corrects change history.
SP-16 2002-06-19 5 . 3 . 0
SP-17 2002-09-18 5 . 4 . 0
SP-18 2002-12-18 5 . 5 . 0
SP-21 2003-09-30 5 . 6 . 0

WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold
G: *U:* yes *MCC:* POPE, Maurice BUNDESMINISTERIUM FUR WIRTSCHAFT

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

TS 33.108 3G security; Handover interface for Lawful Interception (LI)
Rel-5 *current version:* 5.7.0
freeze_meeting: SP-16
history (event, available, version,
SP-15 2002-03-19 1 . 0 . 0 SP-020118
SP-16 2 . 0 . 0 SP-020357
SP-16 2002-06-19 5 . 0 . 0
SP-17 2002-09-23 5 . 1 . 0
SP-18 2002-12-18 5 . 2 . 0
SP-19 2003-03-24 5 . 3 . 0
SP-20 2003-06-18 5 . 4 . 0
SP-21 2003-09-30 5 . 5 . 0
SP-22 2004-01-08 5 . 6 . 0
SP-23 5 . 7 . 0

WG (prime / other): S3 / *rapporteur:* WILHELM, Berthold
G: *U:* yes *MCC:* POPE, Maurice BUNDESMINISTERIUM FUR WIRTSCHAFT

[get it](#) *remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core
remarks - this release: . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).
[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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TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security								
Rel-5	current version: 5.1.0			WG (prime / other): S3 / -	rapporteur: ESCOTT, Adrian				3
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-15 2002-03-26	5 . 0 . 0		get it	remarks - general:	2001-05-24: title grows MAP; see 33.210 for IP equivalent.			
	SP-18 2002-12-18	5 . 1 . 0		get it	remarks - this release:	.			
TS 33.201	Access domain security								
Rel-5	current version: none			WG (prime / other): S3 /	rapporteur: POPE, Maurice				ETSI Secretariat
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
					remarks - general:				
					remarks - this release:	.			
TS 33.203	3G security; Access security for IP-based services								
Rel-5	current version: 5.8.0			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 2001-10-03	0 . 4 . 0	anticipate v2.0.0 at SP-15	get it	remarks - general:				
	SP-14 2002-01-02	1 . 0 . 0	SP-010624	get it	remarks - this release:				
	SP-15 2002-03-19	2 . 0 . 0	SP-020116	get it					
	SP-15 2002-03-26	5 . 0 . 0	But CR at SP-15 to correct reference to SIP.	get it					
	SP-15 2002-03-26	5 . 1 . 0		get it					
	SP-16 2002-06-19	5 . 2 . 0		get it					
	SP-17 2002-09-18	5 . 3 . 0		get it					
	SP-18 2002-12-18	5 . 4 . 0		get it					
	SP-19 2003-03-24	5 . 5 . 0	There are two annexes J; this will be corrected after SP-20.	get it					
	SP-20 2003-06-18	5 . 6 . 0		get it					
	SP-21 2003-09-30	5 . 7 . 0		get it					
	SP-22 2004-01-08	5 . 8 . 0		get it					

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-14 2002-01-02 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 2002-03-19 2 . 0 . 0 SP-020117 [get it](#) *remarks - this release:*
SP-15 2002-03-26 5 . 0 . 0 [get it](#)
SP-16 2002-06-19 5 . 1 . 0 [get it](#)
SP-18 2002-12-18 5 . 2 . 0 [get it](#)
SP-19 2003-03-24 5 . 3 . 0 [get it](#)
SP-20 2003-06-18 5 . 4 . 0 [get it](#)
SP-21 2003-09-30 5 . 5 . 0 [get it](#)

TR 33.900 Guide to 3G security

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

TR 33.903 Access Security for IP based services

Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* VACANT,
freeze_meeting: SP-15 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: .

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

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

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Server ACTIVE specs Rel-5 34 .- series
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TS 34.108	Common test environments for User Equipment (UE) conformance testing								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> CHALABI, Nouhman	ANRITSU LTD				
	<i>freeze_meeting:</i> TP-23		G: U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>	5 . 0 . 0						<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<hr/>									
TS 34.109	Terminal logical test interface; Special conformance testing functions								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> R2 / T1	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>								
	RP-15 2002-03-19	5 . 0 . 0	get it					<i>remarks - general:</i> TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.	
	RP-16 2002-06-17	5 . 1 . 0	get it					<i>remarks - this release:</i> . TSG#9: Stable, so txfered from T1 to R2.	
	RP-18 2003-01-13	5 . 2 . 0	get it						
	RP-19 2003-03-25	5 . 3 . 0	get it						
<hr/>									
TS 34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HIGUCHI, Kenji	ADVANTEST Corporation				
	<i>freeze_meeting:</i> TP-20		G: U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	TP-20 2003-06-17	5 . 0 . 0	get it					<i>remarks - general:</i>	
	TP-21 2003-10-10	5 . 1 . 0	get it					<i>remarks - this release:</i> .	
	CR266 pars 2003-10-13	5 . 1 . 1	get it						
	TP-22 2004-01-20	5 . 2 . 0	get it						
	TP-23	5 . 3 . 0							
<hr/>									
TS 34.122	Terminal conformance specification, Radio transmission and reception (TDD)								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG				
	<i>freeze_meeting:</i> TP-22		G: U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>	5 . 0 . 0							
	TP-22 2004-01-22		get it					<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

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

3GPP specification status

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Server ACTIVE specs Rel-5 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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* T1 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: TP-16 *G:* U: yes *MCC:* SULTAN, Alain
history (event, available, version,
TP-16 2002-06-19 5 . 0 . 0 [get it](#) *remarks - general:*
corrects page 2002-06-24 5 . 0 . 1 [get it](#) *remarks - this release:* .
headers
TP-17 2002-09-10 5 . 1 . 0 [get it](#)
edito post TP-17 2002-09-20 5 . 1 . 1 There were two annexes C ! [get it](#)
TP-18 2002-12-18 5 . 2 . 0 [get it](#)
TP-19 2003-03-24 5 . 3 . 0 [get it](#)
TP-20 2003-06-17 5 . 4 . 0 [get it](#)
TP-21 2003-10-13 5 . 5 . 0 [get it](#)
TP-22 2004-01-22 5 . 6 . 0 [get it](#)
TP-23 5 . 7 . 0

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: TP-16 *G:* U: yes *MCC:* SULTAN, Alain
history (event, available, version,
TP-16 2002-06-19 5 . 0 . 0 [get it](#) *remarks - general:*
TP-17 2002-09-10 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-18 2002-12-18 5 . 2 . 0 [get it](#)
TP-19 2003-03-24 5 . 3 . 0 [get it](#)
TP-20 2003-06-17 5 . 4 . 0 [get it](#)
TP-21 2003-10-10 5 . 5 . 0 [get it](#)
TP-22 2004-01-16 5 . 6 . 0 [get it](#)
TP-23 5 . 7 . 0

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 2002-04-03 5 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-17 2002-10-02 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 2003-01-10 5 . 2 . 0 [get it](#)
RP-19 2003-04-04 5 . 3 . 0 [get it](#)
RP-23 5 . 4 . 0

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

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

TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests
Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* T1 / *rapporteur:* ROSE, Ian Racad Instruments Wireless Solutions Limited
freeze_meeting: TP-22 *G:* yes *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
TP-22 2004-01-05 1 . 0 . 0 TP-030289 for information [get it](#) *remarks - general:* TP-21: Title changed from "Measurement uncertainty". Completion date: end 2004.
remarks - this release: TP-21: assume Rel-7 in view of projected end date. TP-22: Document ready for approval as Rel-5 (!!)

TR 34.926 Table of international EMC requirements
Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 2002-04-02 5 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
RP-23 5 . 1 . 0 *remarks - this release:* .

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

TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-15 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version,
SP-16 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-15 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version,
SP-16 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

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

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

TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	Rel-5 current version: 5.0.0 freeze_meeting: SP-15 history (event, available, version, SP-16 2002-06-24 5 . 0 . 0)	WG (prime / other): S3 / - G: U: yes	rapporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc	get it remarks - general: ex SAGE; supplied by ETSI under licence remarks - this release: .
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	Rel-5 current version: 5.0.0 freeze_meeting: SP-15 history (event, available, version, SP-16 2002-06-24 5 . 0 . 0)	WG (prime / other): S3 / - G: U: yes	rapporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc	get it remarks - general: ex SAGE; supplied by ETSI under licence remarks - this release: .
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5 current version: Document 1: General VODAFONE Group Plc freeze_meeting: SP-15 history (event, available, version, SP-16 2002-06-24 5 . 0 . 0)	5.0.0 G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	get it remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR. remarks - this release: .
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5 current version: Document 2: Algorithm specification VODAFONE Group Plc freeze_meeting: SP-15 history (event, available, version, SP-16 2002-06-24 5 . 0 . 0 SP-20 2003-06-18 5 . 1 . 0)	5.1.0 G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	get it remarks - general: ex SAGE get it remarks - this release: .
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5 current version: Document 3: Implementors' test data VODAFONE Group Plc freeze_meeting: SP-15 history (event, available, version, SP-16 2002-06-24 5 . 0 . 0)	5.0.0 G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	get it remarks - general: ex SAGE remarks - this release: .

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

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

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 2002-06-24 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 2002-06-24 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 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

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

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

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-5 *current version:* 5.6.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-20 2003-06-25 5 . 4 . 0 Created from 41.103 v5.4.0 [get it](#) *remarks - general:*
SP-22 2004-01-15 5 . 5 . 0 [get it](#) *remarks - this release:* .
Edito post SP-22 2004-01-22 5 . 5 . 1 [get it](#)
Edito post SP-22 2004-01-23 5 . 5 . 2 [get it](#)
SP-23 5 . 6 . 0

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian Axalto, Schlumberger Systèmes S.A.
freeze_meeting: TP-15 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-12 2001-07-06 5 . 0 . 0 [get it](#) *remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: .

TS 42.033 Lawful Interception; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-16 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 42.043 Support of Localised Service Area (SoLSA); Service description; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:* Was 22.043 at Rel99.
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 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.056 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 42.068 Voice Group Call Service (VGCS); Stage 1
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
correct title line 2002-10-22 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 42.069 Voice Broadcast Service (VBS); Stage 1
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
post SP-16 edito 2002-07-29 5 . 0 . 1 [get it](#) *remarks - this release:* .
to history box

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

TR 43.005 Technical performance objectives
Rel-5 *current version:* 5.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-16 2002-07-04 5 . 0 . 0 Note that the doc is really a TR not a [get it](#) *remarks - general:*
TS (cover sheet is wrong) *remarks - this release:* NP-21: Decision not to progress this to Rel-6.

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

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

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

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

TS 43.013 Discontinuous Reception (DRX) in the GSM system

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

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian Axalto, Schlumberger Systèmes S.A.
freeze_meeting: TP-15 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-12 2001-11-12 5 . 0 . 0 [get it](#) *remarks - general:* For test spec, see 51.013.
fix annexed library 2001-11-21 5 . 0 . 1 [get it](#) *remarks - this release:* .
file
TP-14 2002-01-17 5 . 1 . 0 [get it](#)
TP-15 2002-04-02 5 . 2 . 0 [get it](#)
TP-16 2002-06-25 5 . 3 . 0 [get it](#)
TP-17 2002-09-27 5 . 4 . 0 [get it](#)
TP-18 2003-01-08 5 . 5 . 0 [get it](#)
TP-19 2003-03-26 5 . 6 . 0 [get it](#)

TS 43.020 Security-related network functions

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* GILBERT, Henri France Telecom
freeze_meeting: SP-16 GP *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-16 2002-07-19 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 43 .- series
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-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 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000.
	GP-11 2002-09-19 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	<i>G: yes U:</i>		<i>MCC:</i>	Peter Skov USAI, Paolino	
	<i>history (event, available, version,</i>					
	GP-10 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i>	
	re-issue as TR 2002-07-31 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 2002-07-19 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 2002-09-19 5 . 1 . 0			get it		
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-16 2002-06-24 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>		<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version,</i>					
	NP-15 2002-03-20 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

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

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

TS 43.050 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-15 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 2001-04-10 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2
Rel-5 *current version:* 5.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-03 2001-02-15 5 . 0 . 0 [get it](#) *remarks - general:* Originally created as 03.51r00
GP-04 2001-04-20 5 . 1 . 0 [get it](#) *remarks - this release:*
GP-05 2001-06-28 5 . 2 . 0 [get it](#)
GP-06 2001-10-01 5 . 3 . 0 [get it](#)
GP-07 2002-01-04 5 . 4 . 0 [get it](#)
GP-08 2002-02-19 5 . 5 . 0 [get it](#)
GP-09 2002-05-06 5 . 6 . 0 [get it](#)
GP-11 2002-09-19 5 . 7 . 0 [get it](#)
GP-12 2003-01-03 5 . 8 . 0 [get it](#)
GP-14 2003-04-25 5 . 9 . 0 [get it](#)
GP-16 2003-09-12 5 . 10 . 0 [get it](#)

TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis ALCATEL S.A.
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 43.055 Dual Transfer Mode (DTM); Stage 2
Rel-5 *current version:* 5.2.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: GP-10 *G: yes U:* *MCC:* Jose Luis
USAI, Paolino
history (event, available, version,
GP-10 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
GP-14 2003-04-25 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-16 2003-09-12 5 . 2 . 0 [get it](#)

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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:	MCC: USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-16 2002-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN						
Rel-5	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation			
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC: USAI, Paolino				
	<i>history (event, available, version,</i>						
	GP-06 2001-10-01 5 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-07 2002-01-04 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	GP-08 2002-02-19 5 . 2 . 0	get it					
	GP-09 2002-05-06 5 . 3 . 0	get it					
	remove hidden 2003-04-25 5 . 3 . 1	get it					
<hr/>							
TS 43.064	Overall description of the GPRS radio interface; Stage 2						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation			
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC: USAI, Paolino				
	<i>history (event, available, version,</i>						
	GP-09 2002-05-06 5 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-14 2003-04-25 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	make figs 20 and 2003-05-02 5 . 1 . 1	get it					
	25 legible						
	GP-16 2003-09-12 5 . 2 . 0	get it					
<hr/>							
TS 43.068	Voice Group Call Service (VGCS); Stage 2						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-16 2002-06-19 5 . 0 . 0	get it	<i>remarks - general:</i>				
	post NP-16 edito 2002-06-28 5 . 0 . 1	get it	<i>remarks - this release:</i> .				
	NP-17 2002-09-17 5 . 1 . 0	get it					
	NP-18 2002-12-18 5 . 2 . 0	get it					
	NP-21 2003-10-08 5 . 3 . 0	get it					

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TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-5 *current version:* 5.3.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 2002-06-19 5 . 0 . 0
post NP-16 edito 2002-06-28 5 . 0 . 1
NP-17 2002-09-17 5 . 1 . 0
NP-18 2002-12-18 5 . 2 . 0
NP-21 2003-10-08 5 . 3 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

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

TS 43.130 Iur-g interface; Stage 2

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-11
history (event, available, version,
GP-11 2002-09-16 5 . 0 . 0 Technically identical to TR.43.930

WG (prime / other): G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
Jose Luis
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.
remarks - this release: .

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 2002-06-20 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: .

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Server ACTIVE specs Rel-5 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-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 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 2002-12-17 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 44.004	Layer 1 - General Requirements					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG		
	<i>freeze_meeting:</i> GP-09		THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-06 2001-11-15 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-07 2002-01-08 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-09 2002-05-06 5 . 2 . 0	get it				
	GP-17 2003-12-05 5 . 3 . 0	get it				

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			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 2002-12-17 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer 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			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i>			
	post GP-11 2003-12-05 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
	editorial					

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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 2002-09-27 5 . 0 . 0					
	edito 2002-12-17 5 . 0 . 1					
		get it	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)			
		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 2002-06-20 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> 5.2.0	<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 2002-09-27 5 . 0 . 0					
	GP-13 2003-02-21 5 . 1 . 0					
	GP-15 2003-07-10 5 . 2 . 0					
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> .			
		get it				

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Server ACTIVE specs Rel-5 44 .- series
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TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-5 *current version:* 5.14.0 *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	2001-05-04	5	.	0	.	0	get it	<i>remarks - general:</i>
GP-05	2001-06-18	5	.	1	.	0	get it	<i>remarks - this release: .</i>
GP-06	2001-09-10	5	.	2	.	0	get it	
GP-07	2002-01-08	5	.	3	.	0	get it	
GP-08	2002-02-19	5	.	4	.	0	get it	
GP-09	2002-05-02	5	.	5	.	0	get it	
GP-10	2002-07-19	5	.	6	.	0	get it	
GP-11	2002-09-16	5	.	7	.	0	get it	
GP-12	2002-12-17	5	.	8	.	0	get it	
GP-13	2003-02-21	5	.	9	.	0	get it	
GP-14	2003-04-28	5	.	10	.	0	get it	
GP-15	2003-07-10	5	.	11	.	0	get it	
GP-16	2003-09-12	5	.	12	.	0	get it	
GP-17	2003-12-05	5	.	13	.	0	get it	
GP-18	2004-02-23	5	.	14	.	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	2002-01-11	5	.	0	.	0	get it	<i>remarks - general:</i>
post NP-17 -	2002-10-02	5	.	0	.	1	get it	<i>remarks - this release: .</i>
replace illegible figures								
NP-17	2002-09-18	5	.	1	.	0	get it	
post NP-17 -	2002-10-02	5	.	1	.	1	get it	
replace illegible figures								
NP-18	2003-01-06	5	.	2	.	0	get it	

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TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
Rel-5	<i>current version:</i> 5.7.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> GP-09			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-06 2001-09-14	5	.	0	.	0	get it	<i>remarks - general:</i>	
	GP-07 2002-01-08	5	.	1	.	0	get it	<i>remarks - this release:</i> .	
	GP-08 2002-02-19	5	.	2	.	0	get it		
	GP-09 2002-05-02	5	.	3	.	0	get it		
	GP-10 2002-07-19	5	.	4	.	0	get it		
	GP-11 2002-09-16	5	.	5	.	0	get it		
	GP-16 2003-09-12	5	.	6	.	0	get it		
	GP-18 2004-02-23	5	.	7	.	0	get it		

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

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TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol								
Rel-5	<i>current version:</i> 5.10.0			<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> GP-09			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-08 2002-02-19	5 . 0 . 0		get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System			
	GP-09 2002-05-03	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 2002-05-28	5 . 1 . 1		get it					
	GP-10 2002-07-19	5 . 2 . 0		get it					
	GP-11 2002-09-16	5 . 3 . 0		get it					
	GP-12 2002-12-17	5 . 4 . 0		get it					
	GP-13 2003-02-21	5 . 5 . 0		get it					
	GP-14 2003-04-29	5 . 6 . 0		get it					
	GP-15 2003-07-10	5 . 7 . 0		get it					
	GP-16 2003-09-13	5 . 8 . 0		get it					
	GP-17 2003-12-05	5 . 9 . 0		get it					
	GP-18 2004-02-23	5 . 10 . 0		get it					

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

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-16 2002-06-19	5 . 0 . 0		get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.			
	NP-21 2003-10-10	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			

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

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TS 44.069 Broadcast Call Control (BCC) protocol
Rel-5 *current version:* 5.0.0 *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 2002-06-19 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:* THOMASEN, Gert
history (event, available, version,
GP-11 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-12-17 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode
Rel-5 *current version:* 5.8.0 *WG (prime / other):* G2 / *rapporteur:* VIRTEJ, Iuliana NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-08 2002-03-20 1 . 1 . 0 GP-020289 [get it](#) *remarks - general:*
draft 2002-03-26 1 . 2 . 0 [get it](#) *remarks - this release:* .
GP-08 2002-03-27 1 . 3 . 0 GP-02794 [get it](#)
draft 2002-05-07 1 . 4 . 0 [get it](#)
GP-10 2002-07-19 5 . 0 . 0 [get it](#)
GP-11 2002-09-19 5 . 1 . 0 [get it](#)
GP-12 2002-12-17 5 . 2 . 0 [get it](#)
GP-13 2003-02-21 5 . 3 . 0 [get it](#)
GP-14 2003-04-28 5 . 4 . 0 [get it](#)
GP-15 2003-07-10 5 . 5 . 0 [get it](#)
GP-16 2003-09-13 5 . 6 . 0 [get it](#)
GP-17 2003-12-05 5 . 7 . 0 [get it](#)
GP-18 2004-02-23 5 . 8 . 0 [get it](#)

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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> 5.7.0	<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			One
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert	
	GP-09 2002-04-22 0 . 2 . 0			GP-020803
	GP-10 2002-07-19 5 . 0 . 0	get it	<i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2.	
	GP-11 2002-09-19 5 . 1 . 0	get it	<i>remarks - this release:</i> .	
	GP-12 2002-12-17 5 . 2 . 0	get it		
	GP-13 2003-02-21 5 . 3 . 0	get it		
	GP-14 2003-04-29 5 . 4 . 0	get it		
	GP-15 2003-07-10 5 . 5 . 0	get it		
	GP-16 2003-09-13 5 . 6 . 0	get it		
missed	CR066 2003-09-30 5 . 6 . 1	get it		
	GP-17 2003-12-05 5 . 7 . 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	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert	
	<i>history (event, available, version,</i>			
	GP-06 0 . 4 . 0		<i>remarks - general:</i> 2003-07-03 (JMM): WI UID 23011?. See also 25.901.	
	GP-08 2002-04-04 0 . 7 . 0	get it	<i>remarks - this release:</i> .	GP-020220
	GP-08 2002-04-04 1 . 0 . 0	get it		GP-020427
	GP-08 2002-03-19 2 . 0 . 0	get it		GP-020491
	GP-08 2002-03-26 5 . 0 . 0	get it		
	GP-09 2002-05-06 5 . 1 . 0	get it		

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

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

TS 45.001 Physical layer on the radio path; General description

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

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

NOKIA MOBILE PHONES

GP-03 2001-02-15 5 . 0 . 0
GP-06 2001-10-01 5 . 1 . 0
GP-07 2002-01-04 5 . 2 . 0
GP-09 2002-05-06 5 . 3 . 0
GP-10 2002-07-19 5 . 4 . 0
GP-12 2003-01-03 5 . 5 . 0
GP-14 2003-04-25 5 . 6 . 0
GP-17 2003-12-05 5 . 7 . 0

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TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 *current version:* 5.11.0
freeze_meeting: GP-09
history (event, available, version,

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

NOKIA Corporation

GP-03 2001-02-15 5 . 0 . 0
edito 2001-02-27 5 . 0 . 1
GP-04 2001-04-20 5 . 1 . 0
GP-06 2001-10-01 5 . 2 . 0
GP-07 2002-01-04 5 . 3 . 0
GP-08 2002-02-19 5 . 4 . 0
GP-09 2002-05-06 5 . 5 . 0
GP-10 2002-07-19 5 . 6 . 0
GP-12 2003-01-03 5 . 7 . 0
GP-13 2003-02-21 5 . 8 . 0
GP-14 2003-04-25 5 . 9 . 0
GP-15 2003-07-11 5 . 10 . 0
GP-16 2003-09-12 5 . 11 . 0

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[get it](#) *remarks - this release:*
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Server ACTIVE specs Rel-5 45 .- series
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TS 45.003 Channel coding

Rel-5 *current version:* 5.9.0
freeze_meeting: GP-09
history (event, available, version,

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

NOKIA Corporation

GP-03 2001-02-06 5 . 0 . 0
GP-05 2001-06-28 5 . 1 . 0
GP-06 2001-10-01 5 . 2 . 0
GP-07 2002-01-04 5 . 3 . 0
GP-08 2002-02-19 5 . 4 . 0
GP-09 2002-05-06 5 . 5 . 0
GP-10 2002-07-19 5 . 6 . 0
GP-14 2003-04-25 5 . 7 . 0
GP-15 2003-07-11 5 . 8 . 0
GP-18 2004-02-20 5 . 9 . 0

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TS 45.004 Modulation

Rel-5 *current version:* 5.1.1
freeze_meeting: GP-09
history (event, available, version,

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

NOKIA Corporation

GP-07 2002-01-04 5 . 0 . 0
GP-10 2002-07-19 5 . 1 . 0
Correction of 2003-09-26 5 . 1 . 1
wrong Release
number in the
front page

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Server ACTIVE specs Rel-5 45 .- series
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TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.9.0
freeze_meeting: GP-09
history (event, available, version,

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

GP-05 2001-06-28 5 . 0 . 0
GP-06 2001-10-01 5 . 1 . 0
GP-07 2002-01-04 5 . 2 . 0
GP-09 2002-05-06 5 . 3 . 0
GP-10 2002-07-19 5 . 4 . 0
GP-11 2002-09-19 5 . 5 . 0
GP-12 2003-01-03 5 . 6 . 0
GP-13 2003-02-21 5 . 7 . 0
GP-14 2003-04-25 5 . 8 . 0
GP-16 2003-09-12 5 . 9 . 0

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TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.14.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

GP-03 5 . 0 . 0
GP-04 2001-04-20 5 . 1 . 0
GP-05 2001-06-28 5 . 2 . 0
GP-06 2001-10-01 5 . 3 . 0
GP-07 2002-01-04 5 . 4 . 0
GP-08 2002-02-19 5 . 5 . 0
GP-09 2002-05-06 5 . 6 . 0
GP-10 2002-07-19 5 . 7 . 0
GP-11 2002-09-19 5 . 8 . 0
GP-13 2003-02-21 5 . 9 . 0
GP-14 2003-04-25 5 . 10 . 0
GP-15 2003-07-11 5 . 11 . 0
GP-16 2003-09-12 5 . 12 . 0
GP-17 2003-12-05 5 . 13 . 0
GP-18 2004-02-20 5 . 14 . 0

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remarks - this release:
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Server ACTIVE specs Rel-5 45 .- series
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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			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	GP-03 2001-02-06	5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-06 2001-10-01	5 . 1 . 0	get it	<i>remarks - this release:</i>		
	GP-07 2002-01-04	5 . 2 . 0	get it			
	GP-08 2002-02-19	5 . 3 . 0	get it			
	GP-09 2002-05-06	5 . 4 . 0	get it			
	GP-10 2002-07-19	5 . 5 . 0	get it			

TS 45.010	Radio subsystem synchronization					
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES
	<i>freeze_meeting:</i> GP-10		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-10 2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-11 2002-09-19	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	GP-13 2003-02-21	5 . 2 . 0	get it			
	GP-16 2003-09-12	5 . 3 . 0	get it			

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

TR 45.050	Background for RF Requirements					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-10		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-10 2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i>		
	clean up 2002-09-19	5 . 0 . 1	get it	<i>remarks - this release:</i> .		

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Server ACTIVE specs Rel-5 45 .- series
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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 2002-07-19 5 . 0 . 0

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

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

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 2002-06-28 5 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

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

TS 46.002 Half Rate Speech Processing Functions
Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0

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

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

TS 46.006 Half-rate speech: ANSI-C code for GSM half-rate speech codec
Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 2002-06-28 5 . 0 . 0

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

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

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Server ACTIVE specs Rel-5 46 .- series
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TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec								
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: SP-16	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-16 2002-06-28	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				
<hr/>									
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec								
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	freeze_meeting: SP-16	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-16 2002-06-28	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				
<hr/>									
TS 46.010	Full-rate speech transcoding								
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors			
	freeze_meeting: SP-16	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-16 2002-06-28	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				
<hr/>									
TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels								
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-16	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-16 2002-06-28	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				
<hr/>									
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels								
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.			
	freeze_meeting: SP-16	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-16 2002-06-28	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				

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

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TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-16	G: yes U:		MCC:	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 2002-06-28 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	G: yes U:		MCC:	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 2002-06-28 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	G: yes U:		MCC:	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 2002-06-28 5 . 0 . 0								
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
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:		MCC:	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 2002-06-28 5 . 0 . 0								
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
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:		MCC:	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 2002-06-28 5 . 0 . 0								
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-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 2002-06-28 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 2002-06-28 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 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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

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

TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
Rel-5	<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 2002-06-28 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .

TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 2002-06-28 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

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	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i> GP-11 2002-09-27 5 . 0 . 0		<i>MCC:</i> THOMASEN, Gert			get it <i>remarks - general:</i> get it <i>remarks - this release:</i> .
	edito 2002-12-17 5 . 0 . 1					

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	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i> GP-04 2001-10-05 5 . 0 . 0		<i>MCC:</i> THOMASEN, Gert			get it <i>remarks - general:</i> get it <i>remarks - this release:</i> .
	GP-09 2002-05-06 5 . 1 . 0					

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

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

TS 48.004	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>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
<i>history (event, available, version,</i>						
GP-11	2002-09-27	5 . 0 . 0	get it	<i>remarks - general:</i>		
edito	2002-12-17	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>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
<i>history (event, available, version,</i>						
GP-11	2002-09-27	5 . 0 . 0	get it	<i>remarks - general:</i>		
edito	2002-12-17	5 . 0 . 1	get it	<i>remarks - this release:</i> .		

TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Rel-5	<i>current version:</i> 5.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
<i>history (event, available, version,</i>						
GP-04	2001-05-04	5 . 0 . 0	get it	<i>remarks - general:</i>		
GP-05	2001-06-19	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
GP-06	2001-09-14	5 . 2 . 0	get it			
GP-07	2002-01-08	5 . 3 . 0	get it			
GP-08	2002-02-19	5 . 4 . 0	get it			
GP-09	2002-05-06	5 . 5 . 0	get it			
GP-10	2002-07-19	5 . 6 . 0	get it			
GP-11	2002-09-16	5 . 7 . 0	get it			
GP-12	2002-12-18	5 . 8 . 0	get it			
GP-15	2003-07-10	5 . 9 . 0	get it			
GP-16	2003-09-12	5 . 10 . 0	get it			
GP-17	2003-12-05	5 . 11 . 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/48_series

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 2002-09-27	5	.	0	.	0		get it	<i>remarks - general:</i>
	edito 2002-12-17	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> 5.2.0			<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 2001-09-14	5	.	0	.	0		get it	<i>remarks - general:</i>
	GP-07 2002-01-08	5	.	1	.	0		get it	<i>remarks - this release:</i> .
	GP-15 2003-07-10	5	.	2	.	0		get it	

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> 5.9.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA		
	<i>freeze_meeting:</i> GP-09				THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-06 2001-09-10	5	.	0	.	0		get it	<i>remarks - general:</i>
	GP-07 2002-01-08	5	.	1	.	0		get it	<i>remarks - this release:</i> .
	GP-08 2002-02-19	5	.	2	.	0		get it	
	GP-09 2002-05-06	5	.	3	.	0		get it	
	GP-10 2002-07-19	5	.	4	.	0		get it	
	GP-11 2002-09-16	5	.	5	.	0		get it	
	edito 2002-12-17	5	.	5	.	1		get it	
	GP-13 2003-02-21	5	.	6	.	0		get it	
	Editorial correction	5	.	6	.	1		get it	
	of reference in								
	tables 10.2.1 and								
	10.2.2								
	GP-15 2003-07-10	5	.	7	.	0		get it	
	GP-17 2003-12-05	5	.	8	.	0		get it	
	GP-18 2004-02-23	5	.	9	.	0		get it	

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

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

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) 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 2002-01-11 5 . 0 . 0				get it	remarks - general:
	NP-17 2002-09-18 5 . 1 . 0					remarks - this release: .
	NP-18 2003-01-09 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	current version: 5.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-10	G: yes U:	MCC: THOMASEN, Gert			
history (event, available, version,						
	GP-10 2002-07-19 5 . 0 . 0				get it	remarks - general:
						remarks - this release: .
TS 48.051	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects					
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: THOMASEN, Gert			
history (event, available, version,						
	GP-11 2002-09-27 5 . 0 . 0				get it	remarks - general:
	edito 2002-12-17 5 . 0 . 1				get it	remarks - this release: .
TS 48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
Rel-5	current version: 5.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-11	G: yes U:	MCC: THOMASEN, Gert			
history (event, available, version,						
	GP-11 2002-09-27 5 . 0 . 0				get it	remarks - general:
	edito 2002-12-17 5 . 0 . 1				get it	remarks - this release: .
TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
Rel-5	current version: 5.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-11	G: yes U:	MCC: THOMASEN, Gert			
history (event, available, version,						
	GP-11 2002-09-27 5 . 0 . 0				get it	remarks - general:
	edito 2002-12-17 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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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			
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Rel-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			
		G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 2001-05-04 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-05 2001-06-18 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-06 2001-09-10 5 . 2 . 0	get it				
	GP-07 2002-01-08 5 . 3 . 0	get it				
	GP-08 2002-02-19 5 . 4 . 0	get it				
	GP-09 2002-05-06 5 . 5 . 0	get it				
	GP-10 2002-07-19 5 . 6 . 0	get it				
<hr/>						
TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 2002-05-06 5 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	GP-10 2002-07-19 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-11 2002-09-19 5 . 2 . 0	get it				
<hr/>						
TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 2002-05-06 5 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
			<i>remarks - this release:</i> .			

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

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

TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification
Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-11 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-12-17 5 . 0 . 1 [get it](#) *remarks - this release:* .
GP-15 2003-07-10 5 . 1 . 0 [get it](#)

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 2002-06-25 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface
Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
freeze_meeting: NP-15 Rouzbeh
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-16 2002-06-19 5 . 0 . 0 [get it](#) *remarks - general:*
NP-19 2003-03-24 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 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

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

Rel-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	2001-10-02	5	.	0	.	0
edito	2001-10-03	5	.	0	.	1
GP-07	2002-01-08	5	.	1	.	0
GP-08	2002-02-19	5	.	2	.	0
GP-10	2002-07-19	5	.	3	.	0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-15 NP /

T2 /

SCP

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,

GP-11	2002-09-20	5	.	0	.	0
GP-12	2002-12-20	5	.	1	.	0
GP-13	2003-02-21	5	.	2	.	0
replacement of	2003-02-28	5	.	2	.	1

omitted text post

GP-13

GP-14	2003-04-25	5	.	3	.	0
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GP-15	2003-07-22	5	.	4	.	0
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late availability due to extent of changes plus shortage of MCC

[get it](#)

[get it](#)

GP-16	2003-09-05	5	.	5	.	0
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GP-17	2003-11-28	5	.	6	.	0
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approved CR1851r1 not implementable

[get it](#)

GP-18	2004-02-18	5	.	7	.	0
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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-5 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-5 *current version:* 5.7.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: GP-11

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

GP-11 2002-09-19 5 . 0 . 0
 GP-12 2002-12-20 5 . 1 . 0
 GP-13 2003-02-21 5 . 2 . 0
 GP-14 2003-04-25 5 . 3 . 0
 GP-15 2003-07-17 5 . 4 . 0
 GP-16 2003-09-05 5 . 5 . 0
 GP-17 2003-11-28 5 . 6 . 0
 GP-18 2004-02-18 5 . 7 . 0

late availability due to extent of
changes plus shortage of MCC

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: GP-18

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

GP-18 5 . 0 . 0

late availability due to extra-MCC

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

TS 51.013 Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando Indicate persons who left Company and wait for new One
freeze_meeting: TP-20

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version,

TP-20 2003-06-23 5 . 0 . 0
 post TP-20 2003-06-27 5 . 0 . 1
 editorial to fix
 zipped annex E
 attachment
 TP-22 2004-01-12 5 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TP-16: WI is TP-020122.
[get it](#)

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:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
GP-12 2003-01-03 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-13 2003-02-21 5 . 2 . 0 [get it](#)
GP-15 2003-07-11 5 . 3 . 0 [get it](#)

TS 51.026 GSM Repeater Equipment Specification
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-10 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-10 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, USAI, Paolino
GP-10 2002-07-19 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 2003-03-31 5 . 0 . 0 technically identical to v4.2.0 [get it](#) *remarks - general:* SP-13: replaces 32.402.
remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-20 2003-06-25 4 . 9 . 0 Created from 21.102 v4.9.0 [get it](#) *remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999
SP-22 2004-01-15 4 . 10 . 0 [get it](#) *remarks - this release:* . Specifications".

TS 21.111 USIM and IC card requirements

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-11 2001-04-09 4 . 0 . 0 [get it](#) *remarks - general:*
TP-17 2002-09-18 4 . 1 . 0 [get it](#) *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5
version. TP-16: decided to upgrade to Rel-5.

TS 21.133 3G security; Security threats and requirements

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* CHRISTOFFERSSON, TeliaSonera AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 2001-04-09 4 . 0 . 0 [get it](#) *remarks - general:*
SP-14 2002-01-07 4 . 1 . 0 [get it](#) *remarks - this release:*

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TR 21.801 Specification drafting rules

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version,

SP-08	2000-06-28	1	.	0	.	0
SP-08	2000-06-30	4	.	0	.	0
SP-11	2001-04-11	4	.	1	.	0
SP-13	2001-10-01	4	.	2	.	0
SP-15	2002-03-27	4	.	3	.	0
SP-23		4	.	4	.	0

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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Formal doc created after TSG#7. (Was briefly 21.200)
[get it](#)
[get it](#)

TR 21.900 Technical Specification Group working methods

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version,

SP-11	2001-04-11	4	.	0	.	0
SP-22	2004-01-14	4	.	1	.	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:* SP-22: Fron now on, is null document pointing to equivalent in latest Release.

TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

history (event, available, version,

SP-09	2000-10-18	4	.	0	.	0
SP-10	2001-01-08	4	.	1	.	0
SP-11	2001-04-02	4	.	2	.	0
SP-12	2001-06-27	4	.	3	.	0
SP-13	2001-10-05	4	.	4	.	0
SP-20	2003-06-18	4	.	5	.	0

WG (prime / other): S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd

G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Absorbs 01.04.
[get it](#)
[get it](#)

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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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 2000-10-18	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#5		
	SP-10 2001-01-08	4 . 1 . 0		get it	<i>remarks - this release:</i>		
remove change	2001-02-28	4 . 1 . 1		get it			
bars							
	SP-12 2001-06-27	4 . 2 . 0		get it			
	SP-15 2002-03-25	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 2000-10-18	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-11 2001-04-02	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-12 2001-06-27	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 2000-03-17	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#5		
	SP-10 2001-01-08	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-12 2001-06-27	4 . 2 . 0		get it			
	SP-15 2002-03-25	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 2001-04-02	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-15 2002-03-25	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-16 2002-07-04	4 . 2 . 0		get it			

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

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TS 22.011	Service accessibility								
Rel-4	current version: 4.8.0	WG (prime / other):	S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE PCS LTD			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-07	2000-03-17	4	. 0	. 0	get it	remarks - general:	Transfer>TSG#4		
SP-08	2000-06-28	4	. 1	. 0	get it	remarks - this release:			
SP-09	2000-10-18	4	. 2	. 0	get it				
SP-11	2001-04-02	4	. 3	. 0	get it				
SP-12	2001-06-27	4	. 4	. 0	get it				
SP-14	2002-01-10	4	. 5	. 0	get it				
SP-15	2002-03-25	4	. 6	. 0	get it				
SP-16	2002-07-04	4	. 7	. 0	get it				
SP-17	2002-09-17	4	. 8	. 0	get it				
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	2001-04-02	4	. 0	. 0	get it	remarks - general:	Transfer>TSG#4		
SP-15	2002-03-25	4	. 1	. 0	get it	remarks - this release:	TSG#8: CR proposed creation, but not aprvd.		
SP-16	2002-07-04	4	. 2	. 0	get it				
edito post SP-16	2002-07-19	4	. 2	. 1	get it	History box			
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	2001-04-02	4	. 0	. 0	get it	remarks - general:	Transfer>TSG#4		
SP-16	2002-06-19	4	. 1	. 0	get it	remarks - this release:			
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-4	current version: 4.0.0	WG (prime / other):	S1 / -	rapporteur:	DEOL, Amar	Nortel Networks (USA)			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-11	2001-04-02	4	. 0	. 0	get it	remarks - general:	Transfer>TSG#4,CR at TSG#5		
						remarks - this release:			

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

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TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	4	.	0	.	0			
	SP-15 2002-03-25	4	.	1	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4
							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>freeze_meeting:</i> SP-18								
	<i>history (event, available, version,</i>								
	SP-18 2003-01-06	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>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 2002-06-24	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>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	4	.	0	.	0			
	SP-16 2002-07-04	4	.	1	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4
							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> 4.3.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-09 2000-10-18	4	.	0	.	0			
	SP-10 2001-01-08	4	.	1	.	0			
	SP-20 2003-06-18	4	.	2	.	0			
	SP-22 2004-01-06	4	.	3	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4
							get it	<i>remarks - this release:</i>	
							get it		
							get it		

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> WATSON, John		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 2001-01-08	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-11 2001-04-02	4 . 1 . 0		get it	<i>remarks - this release:</i>				

TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1								
Rel-4	<i>current version:</i> 4.2.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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 2001-04-02	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 2002-03-25	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-20 2003-06-18	4 . 2 . 0		get it					
	corect cover date 2003-06-26	4 . 2 . 1		get it					

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> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	TP-12 2001-07-06	4 . 0 . 0		get it	<i>remarks - general:</i> TP-12: was previously 42.048.				
					<i>remarks - this release:</i> .				

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 1999-04-23	0 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4.				
	SP-03 1999-04-23	0 . 1 . 1		get it	<i>remarks - this release:</i>				
	SP-11 2001-04-10	4 . 0 . 0		get it					
	edito 2001-10-01	4 . 0 . 1		get it					

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

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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>	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-09 2000-10-18 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution				
	SP-15 2002-03-25 4 . 1 . 0	get it		<i>remarks - this release:</i>	Environment (MExE); Stage 1".				
<hr/>									
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-07 2000-03-17 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-08 2000-06-28 4 . 1 . 0	get it		<i>remarks - this release:</i>					
	SP-10 2001-01-08 4 . 2 . 0	get it							
	SP-15 2002-03-25 4 . 3 . 0	get it							
	SP-16 2002-07-04 4 . 4 . 0	get it							
<hr/>									
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
				<i>remarks - this release:</i>					
<hr/>									
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-10 2001-01-08 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-15 2002-03-25 4 . 1 . 0	get it		<i>remarks - this release:</i>					

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TS 22.071	Location Services (LCS); Stage 1						
Rel-4	<i>current version:</i> 4.6.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-08 2000-06-28	4 . 0 . 0	based on 3.2.0	get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-09 2000-10-18	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-10 2001-01-08	4 . 2 . 0		get it			
	SP-11 2001-04-02	4 . 3 . 0		get it			
	SP-15 2002-03-25	4 . 4 . 0		get it			
	edito post SP-15 2002-04-04	4 . 4 . 1		get it			
	SP-21 2003-09-30	4 . 5 . 0		get it			
	SP-23	4 . 6 . 0					
<hr/>							
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> HECHWARTNER, Roland		T-Mobile AUSTRIA GmbH
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-11 2001-04-02	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 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 2001-04-10	4 . 0 . 0		get it	<i>remarks - general:</i>		
	edito 2001-10-01	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 2000-10-29	4 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-10 2001-01-08	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-11 2001-04-02	4 . 2 . 0		get it			
	SP-12 2001-06-27	4 . 3 . 0		get it			
	SP-14 2002-01-10	4 . 4 . 0		get it			
	SP-15 2002-03-25	4 . 5 . 0		get it			

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

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TS 22.079	Support of optimal routing; Stage 1								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	4	.	0	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4
								<i>remarks - this release:</i>	
TS 22.081	Line Identification supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	4	.	0	.	0			
	SP-15 2002-03-25	4	.	1	.	0	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								
Rel-4	<i>current version:</i> 4.2.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	4	.	0	.	0			
	SP-12 2001-06-29	4	.	1	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4
	SP-15 2002-03-25	4	.	2	.	0	get it	<i>remarks - this release:</i>	
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	4	.	0	.	0			
	SP-15 2002-03-25	4	.	1	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4
							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>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-02	4	.	0	.	0			
	SP-15 2002-03-25	4	.	1	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4
							get it	<i>remarks - this release:</i>	

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TS 22.085	Closed User Group (CUG) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 2001-04-02 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 2002-03-25 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 2001-04-02 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> ACHTER, Johannes	T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 2001-04-02 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> ACHTER, Johannes	T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 2001-04-02 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 2002-03-25 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> IGNATIUS, Jan	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 2001-04-02 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, SP-11 2001-04-02 4 . 0 . 0)	WG (prime / other): S1 / - G: yes U: yes	rapporteur: SWETINA, Joerg MCC: CLAYTON, Michael	SIEMENS AG	get it remarks - general: Transfer>TSG#4 remarks - this release:
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, SP-11 2001-04-02 4 . 0 . 0)	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael	EMCOM Ltd	get it remarks - general: Transfer>TSG#4 remarks - this release:
TS 22.094	Follow Me service description - Stage 1	Rel-4 current version: 4.1.0 freeze_meeting: SP-11 history (event, available, version, SP-11 2001-04-02 4 . 0 . 0 SP-15 2002-03-25 4 . 1 . 0)	WG (prime / other): S1 / - G: yes U: yes	rapporteur: HECHWARTNER, Roland MCC: CLAYTON, Michael	T-Mobile AUSTRIA GmbH	get it remarks - general: Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap 02,94 R99 in favour get it remarks - this release: Apr2001: V3 unwithdrawn, so Rel-4 version produced.
of a common GSM/UMTS spec, 22.094.						
TS 22.096	Name identification supplementary services; Stage 1	Rel-4 current version: 4.0.0 freeze_meeting: SP-11 history (event, available, version, SP-11 2001-04-02 4 . 0 . 0)	WG (prime / other): S1 / - G: yes U: yes	rapporteur: DEOL, Amar MCC: CLAYTON, Michael	Nortel Networks (USA)	get it remarks - general: Transfer>TSG#4 remarks - this release:
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1	Rel-4 current version: 4.1.0 freeze_meeting: SP-11 history (event, available, version, SP-11 2001-04-02 4 . 0 . 0 SP-15 2002-03-25 4 . 1 . 0)	WG (prime / other): S1 / - G: yes U: yes	rapporteur: DEOL, Amar MCC: CLAYTON, Michael	Nortel Networks (USA)	get it remarks - general: Transfer>TSG#4 get it remarks - this release:

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TS 22.101 Service aspects; Service principles

Rel-4 *current version:* 4.10.0
freeze_meeting: SP-11
history (event, available, version,
SP-08 2000-06-28 4 . 0 . 0 based on 3.9.0
SP-09 2000-10-18 4 . 1 . 0
SP-10 2001-01-08 4 . 2 . 0
SP-11 2001-04-02 4 . 3 . 0
SP-12 2001-06-27 4 . 4 . 0
spelling 2001-07-31 4 . 4 . 1
SP-13 2001-10-05 4 . 5 . 0
SP-15 2002-03-25 4 . 6 . 0
SP-20 2003-06-18 4 . 7 . 0
SP-21 2003-09-30 4 . 8 . 0
SP-22 2004-01-06 4 . 9 . 0
SP-23 4 . 10 . 0

WG (prime / other): S1 / - *rapporteur:* DEOL, Amar
G: *U:* yes *MCC:* CLAYTON, Michael Nortel Networks (USA)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* based on 3.9.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 22.105 Services and service capabilities

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
SP-09 2000-10-18 4 . 0 . 0
SP-10 2001-01-08 4 . 1 . 0
SP-12 2001-06-27 4 . 2 . 0
SP-15 2002-03-25 4 . 3 . 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](#)

TS 22.115 Service Aspects Charging and billing

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 2001-04-02 4 . 0 . 0
SP-22 2004-01-06 4 . 1 . 0

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

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

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Server ACTIVE specs Rel-4 22 .- series
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TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version,
 SP-04 2000-10-18 4 . 0 . 0 [get it](#) *remarks - general:* Former title: "Provision of Services in UMTS - The Virtual Home Environment;
 SP-11 2001-04-02 4 . 1 . 0 [get it](#) *remarks - this release:* Stage 1". SP-16: converted from TS to TR.
 SP-16 2002-07-19 4 . 1 . 1 [get it](#) Converted from TS to TR.

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 2000-09-28 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 2001-01-12 4 . 0 . 0 [get it](#)
 SP-11 2001-04-02 4 . 1 . 0 [get it](#)
 SP-12 2001-06-27 4 . 2 . 0 [get it](#)
 SP-14 2002-01-10 4 . 3 . 0 [get it](#)
 SP-15 2002-03-28 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 SA
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version,
 SP-09 2000-10-18 4 . 0 . 0 [get it](#) *remarks - general:*
 SP-10 2001-01-08 4 . 1 . 0 [get it](#) *remarks - this release:*
 SP-11 2001-04-02 4 . 2 . 0 [get it](#)
 SP-12 2001-06-27 4 . 3 . 0 [get it](#)
 SP-14 2002-01-10 4 . 4 . 0 [get it](#)

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Server ACTIVE specs Rel-4 22 .- series
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TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:*
SP-15 2002-03-27 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 2002-12-18 4 . 2 . 0 CR010r1 implemented [get it](#)

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* MEYER, Juergen SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)
SP-05 1999-10-08 1 . 0 . 0 [get it](#) *remarks - this release:* based on 3.0.0
SP-06 1999-12-17 2 . 0 . 0 [get it](#)
SP-08 4 . 0 . 0
SP-08 2000-06-28 4 . 0 . 1 [get it](#)
SP-11 2001-04-02 4 . 1 . 0 [get it](#)
SP-15 2002-03-28 4 . 2 . 0 [get it](#)
SP-18 2003-01-07 4 . 3 . 0 [get it](#)

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

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TS 23.002	Network architecture						
Rel-4	<i>current version:</i> 4.8.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-09 2000-10-18	4 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4,CR at TSG#5		
	SP-10 2000-12-21	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 2001-04-06	4 . 2 . 0	get it				
	SP-12 2001-06-29	4 . 3 . 0	get it				
	SP-14 2002-01-07	4 . 4 . 0	get it				
	SP-17 2002-09-24	4 . 5 . 0	get it				
	SP-18 2003-01-10	4 . 6 . 0	get it				
	SP-19 2003-03-27	4 . 7 . 0	get it				
	SP-20 2003-06-20	4 . 8 . 0	get it				
<hr/>							
TS 23.003	Numbering, addressing and identification						
Rel-4	<i>current version:</i> 4.8.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	NP-11 2001-04-02	4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-12 2001-06-27	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-13 2001-10-03	4 . 2 . 0	get it				
	NP-14 2002-01-11	4 . 3 . 0	get it				
	NP-16 2002-06-21	4 . 4 . 0	get it				
	NP-17 2002-09-17	4 . 5 . 0	get it				
	NP-20 2003-06-27	4 . 6 . 0	get it				
	NP-21 2003-10-09	4 . 7 . 0	get it				
	NP-22 2004-01-12	4 . 8 . 0	get it				
<hr/>							
TS 23.007	Restoration procedures						
Rel-4	<i>current version:</i> 4.2.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	NP-11 2001-04-04	4 . 0 . 0	get it	<i>remarks - general:</i>			
	corrects 2002-06-24	4 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-16 2002-06-21	4 . 1 . 0	get it				
	corrects 2002-09-24	4 . 1 . 1	get it				
	NP-22 2004-01-12	4 . 2 . 0	get it				

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TS 23.008	Organisation of subscriber data					
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-11 2001-03-28	4 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-12 2001-06-27	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-16 2002-06-21	4 . 2 . 0		get it		
	NP-20 2003-06-27	4 . 3 . 0		get it		

TS 23.009	Handover procedures					
Rel-4	<i>current version:</i> 4.9.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> ROUZBEH	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>					
	NP-11 2001-04-11	4 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-12 2001-07-06	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-13 2001-10-05	4 . 2 . 0		get it		
	NP-14 2002-01-08	4 . 3 . 0		get it		
	NP-16 2002-06-20	4 . 4 . 0		get it		
	NP-17 2002-09-17	4 . 5 . 0		get it		
	NP-18 2003-01-02	4 . 6 . 0		get it		
	NP-19 2003-03-24	4 . 7 . 0		get it		
	NP-20 2003-06-27	4 . 8 . 0		get it		
	NP-22 2004-01-05	4 . 9 . 0		get it		

TS 23.011	Technical realization of Supplementary Services					
Rel-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-11 2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i>	
	corrects 2002-06-24	4 . 0 . 1		get it	<i>remarks - this release:</i>	

TS 23.012	Location management procedures					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> 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 2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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

Rel-4 current version: 4.1.0

freeze_meeting: SP-11

history (event, available, version,

NP-11 2001-04-11 4 . 0 . 0

NP-17 2002-09-17 4 . 1 . 0

WG (prime / other): N1 / - rapporteur: ZAUS, Robert SIEMENS AG

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

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

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

TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-4 current version: 4.0.1

freeze_meeting: SP-11

history (event, available, version,

NP-11 2001-04-02 4 . 0 . 0

corrects 2002-06-24 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: 4.4.0

freeze_meeting: SP-11

history (event, available, version,

NP-11 2001-03-30 4 . 0 . 0

NP-15 2002-03-28 4 . 1 . 0

NP-16 2002-06-21 4 . 2 . 0

NP-17 2002-09-17 4 . 3 . 0

NP-23 4 . 4 . 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 2000-10-25 4 . 0 . 0

NP-10 2000-12-21 4 . 1 . 0

NP-11 2001-04-06 4 . 2 . 0

NP-12 2001-06-27 4 . 3 . 0

NP-13 2001-10-03 4 . 4 . 0

NP-14 2002-01-16 4 . 5 . 0

NP-15 2002-03-28 4 . 6 . 0

NP-19 2003-04-04 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](#)

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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 2003-01-06 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.				
<hr/>									
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 2001-04-11 4 . 0 . 0		get it	<i>remarks - general:</i> S2 responsibility?					
	SP-18 2003-01-07 4 . 1 . 0		get it	<i>remarks - this release:</i>					
	edito post SP-18 2003-01-10 4 . 1 . 1		get it	to correct figures					
<hr/>									
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>						
	<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 2001-04-11 4 . 0 . 0		get it	<i>remarks - general:</i>	<i>remarks - this release:</i>				
<hr/>									
TS 23.035	Immediate Service Termination (IST); Stage 2								
Rel-4	<i>current version:</i> 4.1.0	<i>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 2002-06-24 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 2002-09-18 4 . 1 . 0		get it	<i>remarks - this release:</i> SP-16: takes over from 43.035 Rel-4					

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

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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 Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-08 2000-06-23 4 . 0 . 0 [get it](#) *remarks - general:*
TP-10 2001-01-03 4 . 1 . 0 [get it](#) *remarks - this release:* based on 3.3.0
TP-11 2001-03-29 4 . 2 . 0 [get it](#)
TP-13 2001-10-03 4 . 3 . 0 [get it](#)
TP-14 2002-01-11 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-08 2000-06-23 4 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
TP-09 2000-10-11 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-11 2001-03-29 4 . 2 . 0 [get it](#)
TP-12 2001-07-02 4 . 3 . 0 [get it](#)
TP-13 2001-10-03 4 . 4 . 0 [get it](#)
TP-14 2002-01-11 4 . 5 . 0 [get it](#)
TP-15 2002-03-21 4 . 6 . 0 [get it](#)
TP-16 2002-06-25 4 . 7 . 0 [get it](#)
TP-20 2003-06-26 4 . 8 . 0 [get it](#)

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

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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 Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-12 2001-07-04 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 2002-01-11 4 . 2 . 0 [get it](#)
TP-16 2002-07-02 4 . 3 . 0 [get it](#)
TP-19 2003-03-24 4 . 4 . 0 [get it](#)

TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
include test vector 2001-10-17 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:* JURISIC, Andrijana

history (event, available, version,
TP-12 2001-07-06 4 . 0 . 0 [get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13 2001-10-12 4 . 1 . 0 [get it](#) *remarks - this release:* .
TP-14 2002-01-17 4 . 2 . 0 [get it](#)
TP-15 2002-03-28 4 . 3 . 0 [get it](#)
TP-19 2003-03-26 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,
SP-05 1999-10-13 0 . 0 . 0 [get it](#) *remarks - general:* No draft.
SP-11 2001-03-29 4 . 0 . 0 [get it](#) *remarks - this release:*
edito 2001-10-01 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	2000-12-22	4	.	0	.	0	get it	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.
TP-11	2001-04-11	4	.	1	.	0	get it	<i>remarks - this release:</i>	
TP-12	2001-07-05	4	.	2	.	0	get it		
TP-13	2001-10-05	4	.	3	.	0	get it		
include fig 5	2001-10-18	4	.	3	.	1	get it		
TP-14	2002-01-16	4	.	4	.	0	get it		
TP-15	2002-03-25	4	.	5	.	0	get it		

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

Rel-4 *current version:* 4.9.0 *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	2001-04-06	4	.	0	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4
SP-12	2001-06-29	4	.	1	.	0	get it	<i>remarks - this release:</i>	
SP-13	2001-10-12	4	.	2	.	0	get it		
SP-14	2002-01-08	4	.	3	.	0	get it		
edito		4	.	3	.	1			
SP-15	2002-04-05	4	.	4	.	0	get it		
SP-16	2002-06-17	4	.	5	.	0	get it		
SP-17	2002-10-02	4	.	6	.	0	get it		
SP-18	2003-01-10	4	.	7	.	0	get it		
SP-20	2003-06-20	4	.	8	.	0	get it		
SP-22	2004-01-06	4	.	9	.	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	2001-04-04	4	.	0	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4, CR at TSG#5
corrects	2002-06-24	4	.	0	.	1	get it	<i>remarks - this release:</i>	

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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	2000-12-21	4 . 0 . 0	get it	<i>remarks - general:</i>		
NP-12	2001-06-27	4 . 1 . 0	get it	<i>remarks - this release:</i>		
corrects	2002-06-24	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	2001-04-04	4 . 0 . 0	get it	<i>remarks - general:</i>		
corrects	2002-06-24	4 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>						
TS 23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-4	<i>current version:</i> 4.11.0	<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	2001-04-02	4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
NP-12	2001-06-29	4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3.		
NP-13	2001-10-03	4 . 2 . 0	get it			
NP-14	2002-01-04	4 . 3 . 0	get it			
NP-15	2002-03-19	4 . 4 . 0	get it			
NP-16	2002-06-17	4 . 5 . 0	get it			
post NP-16 edito	2002-06-19	4 . 5 . 1	get it			
NP-17	2002-09-17	4 . 6 . 0	get it			
editorial correction	2002-11-14	4 . 6 . 1	get it			
to cover page		minor correction, no need for SDO publication				
NP-18	2002-12-18	4 . 7 . 0	get it			
NP-19	2003-03-25	4 . 8 . 0	get it			
NP-20	2003-06-23	4 . 9 . 0	get it			
NP-21	2003-09-29	4 . 10 . 0	get it			
NP-23		4 . 11 . 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 2001-04-04	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 2002-06-21	get it	<i>remarks - this release:</i> .			
	NP-18 2003-01-07	get it				
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 2001-04-04	get it	<i>remarks - general:</i>			
	NP-17 2002-09-17	get it	<i>remarks - this release:</i>			
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 2001-04-04	get it	<i>remarks - general:</i>			
	NP-12 2001-06-27	get it	<i>remarks - this release:</i>			
	NP-13 2001-10-03	get it				
	NP-16 2002-06-21	get it				
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 2000-10-26	get it	<i>remarks - general:</i>			
	NP-11 2001-03-30	get it	<i>remarks - this release:</i>			
	inclusion of 2001-04-24	get it				
	missed CR					
	NP-14 2002-01-10	get it				

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TS 23.084	MultiParty (MPty) 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 2001-03-30 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 2001-04-04 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 2001-04-04 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 2001-04-04 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 2001-04-04 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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 2001-04-04 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 2001-03-30 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 2002-09-17 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 2001-04-04 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.094	Follow Me Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 2001-04-04 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.096	Name Identification Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-11 2001-04-04 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
<i>history (event, available, version,</i>									
NP-11	2001-04-04	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	2001-04-11	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	2000-12-22	4	.	0	.	0			
SP-12	2001-06-29	4	.	1	.	0			
SP-13	2001-10-12	4	.	2	.	0			
SP-14	2002-01-07	4	.	3	.	0			
SP-15	2002-04-07	4	.	4	.	0			
SP-17	2002-09-24	4	.	5	.	0			
SP-18	2003-01-10	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	2001-04-11	4	.	0	.	0			NP-15 withdrawn
post NP-16	2002-06-28	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 2001-04-11	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 2001-04-04	4	.	0	.	0		get it	<i>remarks - general:</i> New after TSG#5
	NP-12 2001-06-27	4	.	1	.	0		get it	<i>remarks - this release:</i>
	NP-14 2002-01-10	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 2001-04-04	4	.	0	.	0		get it	<i>remarks - general:</i> New after TSG#5
									<i>remarks - this release:</i>
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-4	<i>current version:</i> 4.4.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-11 2001-04-11	4	.	0	.	0		get it	<i>remarks - general:</i> 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC refiew of
	NP-12 2001-07-05	4	.	1	.	0		get it	<i>remarks - this release:</i> R98 features.
	NP-17 2002-09-17	4	.	2	.	0		get it	
	NP-18 2002-12-18	4	.	3	.	0		get it	
	NP-21 2003-10-10	4	.	4	.	0		get it	

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

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TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD,	ERICSSON RESEARCH CANADA					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui						
<i>history (event, available, version,</i>									
	SP-09 2000-11-06	4 . 0 . 0	get it	<i>remarks - general:</i>	Sept 00: "Open Service Architecture" removed from title.				
	SP-11 2001-04-06	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	SP-12 2001-06-29	4 . 2 . 0	get it						
	SP-15 2002-04-05	4 . 3 . 0	get it						
<hr/>									
TS 23.135	Multicall supplementary service; Stage 2								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
	NP-09 2000-10-25	4 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LAUMEN, Josef	INFINEON TECHNOLOGIES					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
<i>history (event, available, version,</i>									
	TP-09 2000-10-06	4 . 0 . 0	get it	<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.				
	TP-10 2000-12-21	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	TP-11 2001-03-29	4 . 2 . 0	get it						
	TP-12 2001-07-03	4 . 3 . 0	get it						
	TP-13 2001-10-05	4 . 4 . 0	get it						
	TP-14 2002-01-11	4 . 5 . 0	get it						
	TP-15 2002-03-21	4 . 6 . 0	get it						
	TP-16 2002-06-25	4 . 7 . 0	get it						
	TP-17 2002-09-23	4 . 8 . 0	get it						
	TP-19 2003-03-31	4 . 9 . 0	get it						
	TP-20 2003-06-24	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 23 .- series
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TS 23.146 Technical realization of facsimile Group 3 service - non-transparent

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

history (event, available, version,

NP-06	1999-12-17	1	.	0	.	0	get it <i>remarks - general:</i>
NP-07	2000-03-17	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	2000-05-25	2	.	0	.	0	get it
NP-08	2000-06-23	4	.	0	.	0	get it
NP-09	2000-10-12	4	.	1	.	0	get it

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.9.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

draft	2000-01-14	1	.	0	.	0	get it <i>remarks - general:</i> New after TSG#5
NP-07	2000-11-21	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	2001-01-09	4	.	0	.	0	get it
NP-11	2001-04-04	4	.	1	.	0	get it
NP-12	2001-06-27	4	.	2	.	0	get it
NP-13	2001-10-03	4	.	3	.	0	get it
NP-14	2002-01-10	4	.	4	.	0	get it
NP-17	2002-09-18	4	.	5	.	0	get it
NP-18	2003-01-09	4	.	6	.	0	get it
NP-19	2003-04-04	4	.	7	.	0	get it
NP-20	2003-06-27	4	.	8	.	0	get it
NP-21	2003-10-09	4	.	9	.	0	get it

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

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

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

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version,
NP-10 2001-01-12 1 . 0 . 1 N4-001104
NP-11 2001-03-30 4 . 0 . 0
NP-12 2001-07-06 4 . 1 . 0
NP-13 2001-10-03 4 . 2 . 0
NP-14 2002-01-10 4 . 3 . 0
NP-15 2002-03-28 4 . 4 . 0
NP-16 2002-06-21 4 . 5 . 0
NP-17 2002-09-18 4 . 6 . 0
NP-20 2003-06-27 4 . 7 . 0

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

rapporteur: HODGES, Phil Telefon AB LM Ericsson
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](#)
[get it](#)

TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
draft 2000-11-07 0 . 0 . 5
SP-10 2001-01-31 1 . 0 . 0 SP-000595
draft 2001-02-01 1 . 1 . 0
SP-11 2001-04-06 4 . 0 . 0
SP-12 2001-07-02 4 . 1 . 0
SP-16 2002-06-18 4 . 2 . 0

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

rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK
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 2000-09-06 0 . 1 . 0
TP-11 2001-04-02 4 . 0 . 0
TP-14 2002-01-11 4 . 1 . 0
TP-15 2002-03-26 4 . 2 . 0

WG (prime / other): T2 / -
G: U: yes

rapporteur: TOMÉ, Olga Telefon AB LM Ericsson
MCC: RODERMUND, Friedhelm

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

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

Rel-4 current version: 4.11.0

freeze_meeting: SP-11

history (event, available, version,

draft 2000-07-10 0 . 1 . 0

draft 2000-09-14 0 . 2 . 0

SP-09 2000-11-09 1 . 0 . 0

draft 2000-11-22 1 . 1 . 0

SP-10 2001-02-27 2 . 0 . 0 SP-000596

SP-10 2001-02-27 4 . 0 . 0

SP-11 2001-04-11 4 . 1 . 0

SP-12 2001-07-02 4 . 2 . 0

SP-13 2001-10-15 4 . 3 . 0

SP-14 2002-01-07 4 . 4 . 0

SP-15 2002-03-29 4 . 5 . 0

SP-16 2002-06-18 4 . 6 . 0

SP-17 2002-09-24 4 . 7 . 0

SP-18 2003-01-09 4 . 8 . 0

SP-20 2003-06-23 4 . 9 . 0

SP-21 2003-10-02 4 . 10 . 0

SP-23 2003-10-02 4 . 11 . 0

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: KÅLL, Jan

MCC: YOON, Sang-Ui

NOKIA Corporation

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remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

remarks - this release: post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

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

Rel-4 current version: 4.0.0

freeze_meeting: SP-11

history (event, available, version,

draft 2000-09-12 0 . 2 . 0

draft 2000-11-08 0 . 3 . 0

draft 2000-11-20 0 . 4 . 0

SP-10 2001-01-31 1 . 0 . 0

draft 2000-12-30 1 . 1 . 0

SP-11 2001-04-11 4 . 0 . 0

WG (prime / other): S2 / -

G: U: yes

rapporteur: IBANEZ, Juan-Antonio

MCC: YOON, Sang-Ui

Telefon AB LM Ericsson

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remarks - general:

remarks - this release:

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

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

TR 23.908	Technical report on Pre-Paging					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-11 2001-04-04 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TR 23.909	Technical report on the Gateway Location Register					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-11 2001-04-04 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TR 23.910	Circuit switched data bearer services					
Rel-4	<i>current version:</i> 4.8.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-09 2000-10-18 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 2000-10-24 4 . 0 . 1		get it	<i>remarks - this release:</i>		
	NP-10 2000-12-22 4 . 1 . 0		get it			
	NP-11 2001-04-06 4 . 2 . 0		get it			
	NP-12 2001-06-28 4 . 3 . 0		get it			
	NP-14 2002-01-11 4 . 4 . 0		get it			
	NP-17 2002-09-17 4 . 5 . 0		get it			
	NP-18 2003-01-06 4 . 6 . 0		get it			
	NP-19 2003-03-27 4 . 7 . 0		get it			
	NP-21 2003-10-01 4 . 8 . 0		get it			
<hr/>						
TR 23.911	Technical report on Out-of-band transcoder control					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-11 2001-04-04 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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TR 23.912 Technical report on Super-Charger
Rel-4 *current version:* 4.1.0 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 2001-04-04 4 . 0 . 0 [get it](#) *remarks - general:*
NP-14 2002-01-10 4 . 1 . 0 [get it](#) *remarks - this release:*

TR 23.930 Iu Principles
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-11 2001-04-11 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration
Rel-4 *current version:* 4.1.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* Peter Skov
history (event, available, version,
NP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
NP-19 2003-03-24 4 . 1 . 0 [get it](#) *remarks - this release:*
correction of typo 2003-06-02 4 . 1 . 1 [get it](#)
on cover page

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 2001-04-11 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
NP-14 2002-01-04 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-16 2002-06-24 4 . 2 . 0 [get it](#)

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

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

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

Rel-4 *current version:* 4.13.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

NP-09	2000-10-12	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-10	2001-01-03	4 . 1 . 0	get it	<i>remarks - this release:</i>
edito	2001-01-09	4 . 1 . 1	get it	
NP-11	2001-04-06	4 . 2 . 0	get it	
edito	2001-07-06	4 . 2 . 1	get it	replaces missing section of table
NP-12	2001-07-13	4 . 3 . 0	get it	
NP-13	2001-10-04	4 . 4 . 0	get it	
NP-14	2002-01-09	4 . 5 . 0	get it	
NP-15	2002-03-21	4 . 6 . 0	get it	
NP-16	2002-06-24	4 . 7 . 0	get it	
NP-17	2002-09-17	4 . 8 . 0	get it	
NP-18	2002-12-18	4 . 9 . 0	get it	
NP-19	2003-03-24	4 . 10 . 0	get it	
NP-20	2003-06-27	4 . 11 . 0	get it	
NP-21	2003-10-10	4 . 12 . 0	get it	
NP-23		4 . 13 . 0		

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

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

history (event, available, version,

NP-11	2001-03-30	4 . 0 . 0	get it	<i>remarks - general:</i>
NP-13	2001-10-03	4 . 1 . 0	get it	<i>remarks - this release:</i>
NP-14	2002-01-10	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 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface								
Rel-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		Peter Skov						
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-11 2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4					
	NP-15 2002-03-19	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	fix headers, 2002-06-28	4 . 1 . 1	get it						
	restore missing figure								
<hr/>									
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-11 2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link					
	NP-20 2003-06-23	4 . 1 . 0	get it	<i>remarks - this release:</i> Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)					
<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:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 2001-03-30	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.					
	NP-12 2001-06-27	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	NP-14 2002-01-10	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:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 2001-04-04	4 . 0 . 0	get it	<i>remarks - general:</i>					
	NP-12 2001-06-27	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 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i>				
	corrects 2002-06-24	4 . 0 . 1		get it	<i>remarks - this release:</i>				
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding								
Rel-4	<i>current version:</i> 4.3.1		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-12 2001-07-04	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-14 2002-01-10	4 . 2 . 0		get it					
	NP-16 2002-06-21	4 . 3 . 0		get it					
	editorial 2003-10-09	4 . 3 . 1		get it					
TS 24.081	Line Identification Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i>				
	corrects 2002-06-24	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 2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i>				
	correct references 2002-06-25	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 2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i>				
	correct references 2002-06-25	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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Server ACTIVE specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.084 MultiParty (MPTY) Supplementary Service; Stage 3

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

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:*

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 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 24.086 Advice of Charge (AoC) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 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 24.087 User-to-User Signalling (UUS); Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 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 24.088 Call Barring (CB) Supplementary Service; Stage 3

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

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](#)

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 24.090 Unstructured Supplementary Service Data (USSD); Stage 3

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

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

TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 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 2001-04-04 4 . 0 . 0
correct references 2002-06-25 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 2001-04-04 4 . 0 . 0
correct references 2002-06-25 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 2001-04-04 4 . 0 . 0
NP-14 2002-01-10 4 . 1 . 0
correct references 2002-06-25 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](#)

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

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

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

Rel-4 current version: 4.11.0

freeze_meeting: SP-11

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

history (event, available, version,

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-03	4	.	2	.	0
RP-14	2002-01-14	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-01	4	.	5	.	0
RP-18	2003-01-10	4	.	6	.	0
RP-19	2003-04-04	4	.	7	.	0
RP-20	2003-06-27	4	.	8	.	0
RP-21	2003-10-10	4	.	9	.	0
RP-22	2004-01-20	4	.	10	.	0
RP-23		4	.	11	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

Rel-4 current version: 4.7.0

freeze_meeting: SP-11

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

history (event, available, version,

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-10	4	.	2	.	0
RP-14	2002-01-14	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-01	4	.	5	.	0
RP-17	2002-10-02	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0

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

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

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

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

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-03	4	.	2	.	0
RP-14	2002-01-14	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-01	4	.	5	.	0
RP-18	2003-01-10	4	.	6	.	0
RP-19	2003-04-04	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:*
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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,

RP-11	2001-04-10	4	.	0	.	0
RP-12	2001-06-29	4	.	1	.	0
RP-13	2001-10-10	4	.	2	.	0
RP-14	2002-01-16	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-07-01	4	.	5	.	0
RP-18	2003-01-10	4	.	6	.	0
RP-19	2003-04-04	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:*
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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 25.106 UTRA repeater radio transmission and reception

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

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

history (event, available, version,

Start of work	2000-08-01	0	.	0	.	1	
RP-09	2000-10-13	1	.	0	.	0	
RP-10	2000-12-21	1	.	1	.	0	RP-000596
RP-11	2001-04-10	4	.	0	.	0	
RP-13	2001-10-10	4	.	1	.	0	
RP-16	2002-07-01	4	.	2	.	0	
RP-17	2002-10-02	4	.	3	.	0	
RP-18	2003-01-10	4	.	4	.	0	
RP-19	2003-04-04	4	.	5	.	0	
RP-20	2003-06-27	4	.	6	.	0	
RP-22	2004-01-20	4	.	7	.	0	

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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	2001-04-10	4	.	0	.	0	
RP-12	2001-06-29	4	.	1	.	0	
RP-13	2001-10-10	4	.	2	.	0	
RP-17	2002-10-02	4	.	3	.	0	
RP-18	2003-01-10	4	.	4	.	0	

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

3GPP specification status

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

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

Rel-4 *current version:* 4.12.0 *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	2001-04-10	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	2001-06-29	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	2001-10-10	4	.	2	.	0	get it	
RP-14	2002-01-16	4	.	3	.	0	get it	
RP-15	2002-03-29	4	.	4	.	0	get it	
RP-16	2002-07-03	4	.	5	.	0	get it	
RP-17	2002-10-10	4	.	6	.	0	get it	
RP-18	2003-01-10	4	.	7	.	0	get it	
RP-19	2003-04-04	4	.	8	.	0	get it	
RP-20	2003-07-01	4	.	9	.	0	get it	
RP-21	2003-10-10	4	.	10	.	0	get it	
RP-22	2004-01-23	4	.	11	.	0	get it	
RP-23		4	.	12	.	0		

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

Rel-4 *current version:* 4.12.0 *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	2001-04-10	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	2001-06-29	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	2001-10-10	4	.	2	.	0	get it	
RP-14	2002-01-17	4	.	3	.	0	get it	
RP-15	2002-03-29	4	.	4	.	0	get it	
RP-16	2002-07-04	4	.	5	.	0	get it	
RP-17	2002-10-04	4	.	6	.	0	get it	
RP-18	2003-01-10	4	.	7	.	0	get it	
RP-19	2003-04-04	4	.	8	.	0	get it	
RP-20	2003-07-01	4	.	9	.	0	get it	
RP-21	2003-10-10	4	.	10	.	0	get it	
RP-22	2004-01-23	4	.	11	.	0	get it	
RP-23		4	.	12	.	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 25.141 Base Station (BS) conformance testing (FDD)

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,

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

RP-11 2001-04-10 4 . 0 . 0
RP-12 2001-06-29 4 . 1 . 0
RP-13 2001-10-03 4 . 2 . 0
RP-14 2002-01-16 4 . 3 . 0
RP-15 2002-04-02 4 . 4 . 0
RP-16 2002-07-04 4 . 5 . 0
RP-17 2002-10-04 4 . 6 . 0
RP-18 2003-01-10 4 . 7 . 0
RP-19 2003-04-04 4 . 8 . 0

[get it](#) *remarks - general:*
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TS 25.142 Base Station (BS) conformance testing (TDD)

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,

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

RP-11 2001-04-10 4 . 0 . 0
RP-12 2001-06-29 4 . 1 . 0
RP-13 2001-10-10 4 . 2 . 0
RP-14 2002-01-16 4 . 3 . 0
RP-15 2002-03-29 4 . 4 . 0
RP-16 2002-07-04 4 . 5 . 0
RP-17 2002-10-04 4 . 6 . 0
RP-18 2003-01-10 4 . 7 . 0
RP-19 2003-04-04 4 . 8 . 0

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

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: 4.9.0

freeze_meeting: RP-11

history (event, available, version,

Start of work 2000-08-01 0 . 0 . 0

RP-09 2000-10-12 0 . 0 . 2

RP-10 2000-12-21 1 . 0 . 0 RP-000671

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

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

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

RP-15 2002-03-19 4 . 3 . 0

RP-16 2002-07-03 4 . 4 . 0

RP-17 2002-10-02 4 . 5 . 0

RP-18 2003-01-10 4 . 6 . 0

RP-19 2003-04-04 4 . 7 . 0

RP-20 2003-06-27 4 . 8 . 0

RP-22 2004-01-23 4 . 9 . 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.

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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 2001-04-05 4 . 0 . 0

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

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

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

WG (prime / other): R1 / - rapporteur: GERSTENBERGER, 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 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version,

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

TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* MICHEL, Jürgen SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version,

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

TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version,

RP-11	2001-04-05	4	.	0	.	0	get it <i>remarks - general:</i>
RP-12	2001-06-28	4	.	1	.	0	get it <i>remarks - this release:</i>
RP-14	2002-01-09	4	.	2	.	0	get it
RP-16	2002-06-28	4	.	3	.	0	get it
RP-22	2004-01-14	4	.	4	.	0	get it

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

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

TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-19	2003-04-04	4	.	6	.	0

WG (prime / other): R1 / - *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-18	2003-01-07	4	.	6	.	0
RP-20	2003-06-27	4	.	7	.	0

WG (prime / other): R1 / - *rapporteur:* SUZUKI, Hidetoshi Panasonic Mobile Communications Co.,Ltd.
G: *U:* yes *MCC:* SASAKI, Tsukasa

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

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-27	4	.	6	.	0
RP-18	2003-01-07	4	.	7	.	0

WG (prime / other): R1 / - *rapporteur:* CHAPMAN, Thomas SIEMENS AG
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 25.222 Multiplexing and channel coding (TDD)

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

RP-11	2001-04-05	4	.	0	.	0	
RP-13	2001-10-08	4	.	1	.	0	get it <i>remarks - general:</i>
RP-14	2002-01-09	4	.	2	.	0	get it <i>remarks - this release:</i>
RP-15	2002-03-29	4	.	3	.	0	get it
RP-16	2002-06-28	4	.	4	.	0	get it
RP-17	2002-09-27	4	.	5	.	0	get it
RP-18	2003-01-07	4	.	6	.	0	get it
RP-22	2004-01-14	4	.	7	.	0	get it

Minor problems implementing CRs. See
readme file.

WG (*prime / other*): R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.
G: U: yes *MCC:* SASAKI, Tsukasa

TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

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

WG (*prime / other*): R1 / - *rapporteur:* ANDERSON, Nicholas IPWireless Inc.
G: U: yes *MCC:* SASAKI, Tsukasa

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

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

TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.10.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-27	4	.	6	.	0
RP-18	2003-01-07	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0
RP-21	2003-09-29	4	.	9	.	0
RP-22	2004-01-14	4	.	10	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: RUDOLF, Marian

MCC: SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.8.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-18	2003-01-07	4	.	6	.	0
RP-20	2003-06-27	4	.	7	.	0
RP-23		4	.	8	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: CZAPLA, Liliana

MCC: SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS

[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,

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-14	2002-01-04	4	.	2	.	0
RP-16	2002-06-17	4	.	3	.	0
RP-17	2002-09-18	4	.	4	.	0

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

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

TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.8.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-18	4	.	6	.	0
RP-18	2002-12-20	4	.	7	.	0
RP-21	2003-10-02	4	.	8	.	0

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

[get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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[get it](#)
[get it](#)

TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

history (event, available, version,

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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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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 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-4 *current version:* 4.8.0 *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	2001-03-27	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	2001-06-27	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	2001-10-02	4	.	2	.	0	get it	
RP-14	2002-01-04	4	.	3	.	0	get it	
RP-15	2002-03-19	4	.	4	.	0	get it	
RP-16	2002-06-17	4	.	5	.	0	get it	
RP-18	2003-01-08	4	.	6	.	0	get it	
RP-20	2003-06-25	4	.	7	.	0	get it	
RP-23		4	.	8	.	0		

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 *current version:* 4.7.0 *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	2001-03-27	4	.	0	.	0	get it	<i>remarks - general:</i> Created from 25.923
RP-12	2001-06-19	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-14	2002-01-04	4	.	2	.	0	get it	
RP-15	2002-03-19	4	.	3	.	0	get it	
RP-19	2003-03-25	4	.	4	.	0	get it	
RP-20	2003-06-20	4	.	5	.	0	get it	
RP-21	2003-10-02	4	.	6	.	0	get it	
RP-22	2004-01-12	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 Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.9.0 *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	2001-03-27	4	.	0	.	0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-12	2001-06-19	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	2001-10-02	4	.	2	.	0	get it	
RP-14	2002-01-04	4	.	3	.	0	get it	
RP-15	2002-03-19	4	.	4	.	0	get it	
RP-16	2002-06-17	4	.	5	.	0	get it	
RP-18	2003-01-08	4	.	6	.	0	get it	
RP-20	2003-06-20	4	.	7	.	0	get it	
RP-21	2003-10-02	4	.	8	.	0	get it	
RP-22	2004-01-12	4	.	9	.	0	get it	

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

Rel-4 *current version:* 4.3.0 *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	2001-10-02	4	.	0	.	0	get it	<i>remarks - general:</i> Release independent! - sort of. RP-13: responsibility: R2 = signalling
RP-14	2002-01-04	4	.	1	.	0	get it	<i>remarks - this release:</i> Expect continual updates each time a new band is allowed. requirements, R4 = RF &

RMM requirements.

RP-22	2004-01-12	4	.	2	.	0	get it	
RP-23		4	.	3	.	0		

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.9.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG
freeze_meeting: RP-11 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	2001-03-27	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	2001-06-19	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	2001-10-02	4	.	2	.	0	get it	
RP-14	2002-01-04	4	.	3	.	0	get it	
RP-15	2002-03-19	4	.	4	.	0	get it	
RP-16	2002-06-17	4	.	5	.	0	get it	
RP-17	2002-09-18	4	.	6	.	0	get it	
RP-18	2003-01-08	4	.	7	.	0	get it	
RP-19	2003-03-25	4	.	8	.	0	get it	
RP-21	2003-10-02	4	.	9	.	0	get it	

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

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

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.11.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-03	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-19	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0
RP-19	2003-03-25	4	.	8	.	0
RP-20	2003-06-20	4	.	9	.	0
RP-21	2003-10-02	4	.	10	.	0
RP-22	2004-01-12	4	.	11	.	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](#)
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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	2001-03-27	4	.	0	.	0
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-18	4	.	6	.	0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[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	2001-03-27	4	.	0	.	0
RP-16	2002-06-17	4	.	1	.	0
RP-18	2003-01-13	4	.	2	.	0
RP-19	2003-03-25	4	.	3	.	0

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

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

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

3GPP specification status

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

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version:* 4.13.0

freeze_meeting: SP-11

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

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

history (event, available, version,

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

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

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

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

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

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

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

RP-17 2002-09-20 4 . 6 . 0

Do not use this version: contains wrong

ASN.1

Misimplemented 2002-09-23 4 . 7 . 0

v4.6.0 omitted ASN.1 in error

RP-17 CR

RP-18 2003-02-03 4 . 8 . 0

RP-19 2003-03-27 4 . 9 . 0

RP-20 2003-06-25 4 . 10 . 0

RP-21 2003-10-02 4 . 11 . 0

RP-22 2004-01-12 4 . 12 . 0

RP-23 4 . 13 . 0

[get it](#)

remarks - general:

remarks - this release:

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TS 25.401 UTRAN overall description

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

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

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

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

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

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

RP-17 2002-09-30 4 . 5 . 0

RP-18 2003-01-03 4 . 6 . 0

[get it](#)

remarks - general: Approval at TSG#5

remarks - this release:

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

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

TS 25.402 Synchronisation in UTRAN Stage 2

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-11	4	.	3	.	0
RP-15	2002-04-02	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-18	2003-01-03	4	.	6	.	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

[get it](#)

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[get it](#)

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
RP-14	2002-01-11	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-30	4	.	5	.	0

WG (prime / other): R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

[get it](#)

[get it](#)

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TS 25.411 UTRAN Iu interface layer 1

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

TS 25.412 UTRAN Iu interface signalling transport

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0
RP-17	2002-09-30	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

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

3GPP specification status

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

TS 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

Rel-4 *current version:* 4.12.0 *WG (prime / other):* R3 / - *rapporteur:* GUYOT, Olivier NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	2001-07-06	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	2001-10-12	4	.	2	.	0	get it	
RP-14	2002-01-14	4	.	3	.	0	get it	
RP-15	2002-04-02	4	.	4	.	0	get it	
RP-16	2002-07-05	4	.	5	.	0	get it	
RP-17	2002-10-03	4	.	6	.	0	get it	
RP-18	2003-01-03	4	.	7	.	0	get it	
RP-19	2003-03-26	4	.	8	.	0	get it	
RP-20	2003-06-17	4	.	9	.	0	get it	
RP-21	2003-09-30	4	.	10	.	0	get it	
RP-22	2004-01-13	4	.	11	.	0	get it	
RP-23		4	.	12	.	0		

TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-13	2001-10-12	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-14	2002-01-14	4	.	2	.	0	get it	
RP-15	2002-04-02	4	.	3	.	0	get it	
RP-16	2002-06-28	4	.	4	.	0	get it	
RP-18	2003-01-03	4	.	5	.	0	get it	
RP-19	2003-03-26	4	.	6	.	0	get it	
RP-22	2004-01-13	4	.	7	.	0	get it	

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

3GPP specification status

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

TS 25.415 UTRAN Iu interface user plane protocols

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

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

RP-11 2001-04-06 4 . 0 . 0
RP-12 2001-07-06 4 . 1 . 0
RP-13 2001-10-12 4 . 2 . 0
RP-14 2002-01-14 4 . 3 . 0
RP-15 2002-03-25 4 . 4 . 0
RP-16 2002-06-28 4 . 5 . 0
RP-17 2002-09-30 4 . 6 . 0
RP-18 2003-01-03 4 . 7 . 0

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

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

Rel-4 *current version:* 4.10.0
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

RP-11 2001-04-06 4 . 0 . 0
RP-12 2001-07-06 4 . 1 . 0
RP-13 2001-10-12 4 . 2 . 0
RP-14 2002-01-11 4 . 3 . 0
RP-15 2002-03-25 4 . 4 . 0
RP-16 2002-06-28 4 . 5 . 0
correct vers no. 2002-08-06 4 . 5 . 1
shown on doc
RP-17 2002-10-03 4 . 6 . 0
RP-19 2003-03-26 4 . 7 . 0
RP-20 2003-06-17 4 . 8 . 0
RP-21 2003-09-30 4 . 9 . 0
RP-22 2004-01-13 4 . 10 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

RP-11 2001-04-06 4 . 0 . 0
RP-14 2002-01-11 4 . 1 . 0
RP-15 2002-04-02 4 . 2 . 0

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

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

3GPP specification status

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

TS 25.421 UTRAN Iur interface Layer 1

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

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.422 UTRAN Iur interface signalling transport

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0
RP-14 2002-01-11 4 . 1 . 0
edito post RP-14 2002-04-02 4 . 1 . 1
RP-17 2002-10-03 4 . 2 . 0

WG (prime / other): R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

Rel-4 *current version:* 4.12.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0
RP-12 2001-07-06 4 . 1 . 0
RP-13 2001-10-12 4 . 2 . 0
RP-14 2002-01-11 4 . 3 . 0
RP-15 2002-04-02 4 . 4 . 0
RP-16 2002-07-05 4 . 5 . 0
RP-17 2002-10-11 4 . 6 . 0
RP-18 2003-01-03 4 . 7 . 0
RP-19 2003-03-31 4 . 8 . 0
RP-20 2003-06-17 4 . 9 . 0
RP-21 2003-09-30 4 . 10 . 0
RP-22 2004-01-13 4 . 11 . 0
RP-23 4 . 12 . 0

WG (prime / other): R3 / - *rapporteur:* ERICSSON, Ingela Telefon AB LM Ericsson
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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 25.424 UTRAN lur interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
RP-14 2002-01-11 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-15 2002-04-02 4 . 2 . 0 [get it](#)
RP-16 2002-06-28 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
RP-13 2001-10-12 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-14 2002-01-11 4 . 2 . 0 [get it](#)
RP-15 2002-04-02 4 . 3 . 0 [get it](#)
RP-22 2004-01-13 4 . 4 . 0 [get it](#)

TS 25.426 UTRAN lur and lub 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:* CALDENHOVEN, Juergen

history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
RP-14 2002-01-11 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-15 2002-04-02 4 . 2 . 0 [get it](#)
RP-16 2002-06-28 4 . 3 . 0 [get it](#)
RP-17 2002-10-03 4 . 4 . 0 [get it](#)

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

3GPP specification status

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

TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R3 / - *rapporteur:* HAKULI, Tuomas NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 2001-07-06 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 2001-10-12 4 . 2 . 0 [get it](#)
RP-14 2002-01-11 4 . 3 . 0 [get it](#)
RP-18 2003-01-03 4 . 4 . 0 [get it](#)
RP-22 2004-01-13 4 . 5 . 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:* KOIZUMI, Yoshiko Fujitsu Limited
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 2001-07-06 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-14 2002-01-11 4 . 2 . 0 [get it](#)
RP-16 2002-06-28 4 . 3 . 0 [get it](#)
RP-17 2002-10-03 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:* KUNZ, Walter SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
RP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 25.432 UTRAN Iub interface: signalling transport

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen
history (event, available, version,
RP-11 2001-04-06 4 . 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 Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.12.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-13	2001-10-12	4	.	2	.	0
edito	2001-10-23	4	.	2	.	1
RP-14	2002-01-11	4	.	3	.	0
RP-15	2002-04-04	4	.	4	.	0
RP-16	2002-07-19	4	.	5	.	0
RP-17	2002-10-11	4	.	6	.	0
RP-18	2003-01-03	4	.	7	.	0
RP-19	2003-03-31	4	.	8	.	0
RP-20	2003-06-17	4	.	9	.	0
RP-21	2003-09-30	4	.	10	.	0
RP-22	2004-01-13	4	.	11	.	0
RP-23		4	.	12	.	0

WG (prime / other): R3 / - *rapporteur:* SEHEDIC, Yann NORTEL NETWORKS (EUROPE)

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0
RP-14	2002-01-11	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0

WG (prime / other): R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

3GPP specification status

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

TS 25.435	UTRAN Iub interface user plane protocols for CCH data streams								
Rel-4	<i>current version:</i> 4.6.0			WG (prime / other):	R3 / -	<i>rapporteur:</i>	STOJANOVSKI, Saso	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
<i>history (event, available, version,</i>									
	RP-11 2001-04-06	4 . 0 . 0				get it		<i>remarks - general:</i>	
	RP-12 2001-07-06	4 . 1 . 0				get it		<i>remarks - this release:</i>	
	RP-13 2001-10-12	4 . 2 . 0				get it			
	RP-14 2002-01-11	4 . 3 . 0				get it			
	RP-15 2002-04-02	4 . 4 . 0				get it			
	RP-17 2002-10-03	4 . 5 . 0				get it			
	RP-22 2004-01-13	4 . 6 . 0				get it			

TS 25.442	UTRAN implementation-specific O&M transport								
Rel-4	<i>current version:</i> 4.0.0			WG (prime / other):	R3 / -	<i>rapporteur:</i>	HAUSER, Alexander	Indicate persons who left Company and wait for new	
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen	One	
<i>history (event, available, version,</i>									
	RP-11 2001-04-06	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			WG (prime / other):	R3 / -	<i>rapporteur:</i>	TOWNEND, Richard	mmO2 plc	
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
<i>history (event, available, version,</i>									
	RP-11 2001-04-06	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			WG (prime / other):	R2 / -	<i>rapporteur:</i>	LIU, YanHui	China Academy of Telecommunications Technology	
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
<i>history (event, available, version,</i>									
Start of work	2000-07-01	0 . 0 . 0				get it		<i>remarks - general:</i>	
draft	2000-07-15	0 . 0 . 1				get it		<i>remarks - this release:</i>	RP-15: Not to be promoted to Rel-5.
draft	2000-08-01	0 . 1 . 0				get it			
RP-09	2000-10-01	1 . 0 . 0				get it			
RP-10	2000-12-20	4 . 0 . 0				get it			
RP-11	2001-03-27	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 25.836	Node B synchronization for TDD								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> OESTREICH, Stefan	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-10	2001-01-12	4	.	0	.	0		get it <i>remarks - general:</i>
	RP-11	2001-04-05	4	.	1	.	0		get it <i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.

TR 25.838	Node B Synchronisation for TDD (lub/lur aspects)								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> LENHART, Johannes	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version,</i>								
	draft	2000-07-15	0	.	0	.	1		get it <i>remarks - general:</i>
	RP-09	2000-09-21	0	.	1	.	0		get it <i>remarks - this release:</i> RP-15: No upgrade to Rel-5.
	RP-10	2000-12-21	0	.	1	.	1		get it
	RP-11	2001-04-06	4	.	0	.	0		get it
	RP-14	2002-01-11	4	.	1	.	0		get it

TR 25.840	Terminal power saving features								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> SASAKI, Tsukasa	Fujitsu Networks Europe Ltd.			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-09	2000-09-28	1	.	0	.	0		get it <i>remarks - general:</i>
	RP-10	2001-01-12	2	.	0	.	0		get it <i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. 2003-11-28: WG Chairman indicates that the doc is contentious, and cannot easily be brought under change control. RP-22:
	RP-11	2001-04-05	2	.	3	.	0		get it
	RP-22	2004-01-14	4	.	0	.	0	approved unseen at RP-22. No further work envisaged.	get it Nevertheless, brought under change control; no further work envisaged.

TR 25.841	DSCH power control improvement in soft handover								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-09	2000-09-28	1	.	0	.	0		get it <i>remarks - general:</i>
	RP-10	2001-01-12	4	.	0	.	0		get it <i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
	RP-11	2001-04-04	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 25.843	1,28 Mcps TDD UE Radio Access Capabilities					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> ZHU, Yifei	China Academy of Telecommunications Technology		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-10 2000-12-20 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-11 2001-03-27 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, Ainkaran	Ericsson AB		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-10 2000-12-20 1 . 0 . 0 RP-000560	get it	<i>remarks - general:</i>			
	RP-11 2001-03-27 4 . 0 . 0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-13 2001-10-02 4 . 1 . 0	get it				
	RP-16 2002-06-17 4 . 2 . 0	get it				
	RP-17 2002-09-18 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	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	draft 2000-11-10 0 . 1 . 0	get it	<i>remarks - general:</i>			
	RP-10 2000-12-20 1 . 0 . 0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-11 2001-03-27 4 . 0 . 0	get it				
<hr/>						
TR 25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> SP-10	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>					
	RP-11 2001-04-05 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> RP-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 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.849 DSCH power control improvement in soft handover

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

WG (prime / other): R3 / - *rapporteur:* WOONHEE, Hwang NOKIA Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

WG (prime / other): R3 / - *rapporteur:* HAUTALA, Jari NOKIA Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

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

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

WG (prime / other): R3 / *rapporteur:* IRWIN, Sania MOTOROLA GmbH
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

TR 25.853 Delay budget within the access stratum

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

WG (prime / other): R3 / - *rapporteur:* VON BRANDT, Armin SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:* Was 25.932. Approved and renumbered at TSG#10.
remarks - this release: RP-15: No upgrade to Rel-5.

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

TR 25.921 Guidelines and principles for protocol description and error handling

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 2001-03-27 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 2001-06-19 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 2001-10-02 4 . 2 . 0 [get it](#)
RP-14 2002-01-04 4 . 3 . 0 [get it](#)
RP-15 2002-03-19 4 . 4 . 0 [get it](#)
RP-18 2003-01-13 4 . 5 . 0 [get it](#)
RP-21 2003-10-02 4 . 6 . 0 [get it](#)
RP-23 4 . 7 . 0

TR 25.922 Radio Resource Management Strategies

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 2001-03-27 4 . 0 . 0 [get it](#) *remarks - general:*
RP-13 2001-10-02 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-15 2002-03-19 4 . 2 . 0 [get it](#)
RP-23 4 . 3 . 0

TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer

Rel-4 *current version:* 4.0.1 *WG (prime / other):* R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-07 0 . 0 . 2 RP-000091 *remarks - general:* Created R1#10, Jan 99.
RP-07 2000-03-15 0 . 0 . 3 RP-000158 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-08 0 . 2 . 0
RP-08 2000-06-23 1 . 0 . 0 [get it](#)
RP-09 2001-01-11 1 . 1 . 0 [get it](#)
RP-11 2001-04-06 4 . 0 . 0 [get it](#)
edito 2001-04-10 4 . 0 . 1 [get it](#)

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

TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-07
history (event, available, version,

RP-11	2001-03-30	4	.	0	.	0
RP-12	2001-07-05	4	.	1	.	0
RP-14	2002-01-11	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0

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

[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	2000-04-25	0	.	0	.	0
draft	2000-05-16	0	.	0	.	1
RP-09	2000-09-28	0	.	2	.	0
RP-10	2000-12-21	0	.	2	.	1
RP-11	2001-04-06	4	.	0	.	0

 RP-000646

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki Vodafone K.K.
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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	2000-08-01	0	.	0	.	0
draft	2000-07-15	0	.	0	.	1
R3-15	2000-08-15	0	.	1	.	0
RP-10	2000-12-21	0	.	1	.	1
draft	2000-10-16	1	.	0	.	0
RP-11	2001-04-06	4	.	0	.	0
RP-15	2002-03-25	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* VAN LIESHOUT, SAMSUNG Electronics Research Institute
Gert-Jan
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1

freeze_meeting: SP-11

history (event, available, version,

Start of work	2000-07-01	0	.	0	.	0
draft	2000-07-15	0	.	0	.	1
R3-15	2000-09-01	0	.	1	.	0
RP-10	2000-12-21	0	.	3	.	0
RP-11	2001-04-06	4	.	0	.	0
formatting	2002-01-09	4	.	0	.	1
corrections						

WG (prime / other): R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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	2000-08-01	0	.	0	.	0
draft	2000-08-15	0	.	0	.	1
R3-15	2000-08-30	0	.	1	.	0
RP-10	2000-12-21	0	.	3	.	1
RP-11	2001-04-06	4	.	0	.	0
RP-13	2001-10-12	4	.	1	.	0

RP-000686

WG (prime / other): R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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	2001-10-10	4	.	0	.	0	expected post RP-12
RP-14	2002-01-14	4	.	1	.	0	
RP-16	2002-07-03	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
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.943	Deployment aspects									
Rel-4	current version: 4.2.0			WG (prime / other): R4 / -	rapporteur: SKÖLD, Johan	Telefon AB LM Ericsson				
	freeze_meeting: RP-12			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,									
	R4-09	0 . 0 . 1						remarks - general:		
	R4-11	0 . 1 . 0						remarks - this release:		
	RP-08 2000-06-23	2 . 0 . 0								get it
	RP-12	2 . 1 . 0	RP-010437							get it
	RP-12 2001-06-29	4 . 0 . 0								get it
	RP-14 2002-01-16	4 . 1 . 0								get it
	RP-16 2002-07-03	4 . 2 . 0								get it
TR 25.944	Channel coding and multiplexing examples									
Rel-4	current version: 4.1.0			WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation				
	freeze_meeting: SP-11			G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version,									
	RP-11 2001-04-06	4 . 0 . 0						remarks - general: Created Jan 2000 (aka R1.04)		
	edito 2001-04-10	4 . 0 . 1						remarks - this release: RP-15: Not to be promoted to Rel-5.		
	RP-12 2001-06-28	4 . 1 . 0								get it
TR 25.945	RF requirements for low chip rate TDD option									
Rel-4	current version: 4.1.1			WG (prime / other): R4 / -	rapporteur: ZHANG, Daijun	China Academy of Telecommunications Technology				
	freeze_meeting: SP-11			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,									
	RP-09	0 . 3 . 0						remarks - general:		
	RP-10 2000-12-21	2 . 0 . 0	RP-000678					remarks - this release:		
	RP-11 2001-05-28	4 . 0 . 0	Cosmetically too nasty to publish as ETSI TR (TS??)							get it
	RP-13 2001-10-10	4 . 1 . 0								get it
	fix layout prob 2001-10-10	4 . 1 . 1								get it

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

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
Rel-4 *current version:* 4.1.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-18 2003-01-13 4 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - general:*
RP-22 2004-01-12 4 . 1 . 0 [get it](#) *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 2001-04-10 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 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
SP-14 2002-01-09 4 . 1 . 0 [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 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
corected tests 2001-07-04 4 . 0 . 1 [get it](#) *remarks - this release:*

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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 suppresser application to the Adaptive Multi-Rate (AMR) speech encoder					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino			TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 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 2001-04-07 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 2001-04-10 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 2001-04-10 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 2000-12-21 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 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 2001-04-10 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 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 2001-06-27 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-15 2002-03-28 4 . 2 . 0	get it				
<hr/>						
TS 26.102	Adaptive Multi-Rate (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 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-19 2003-04-04 4 . 1 . 0	get it	<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 2000-12-21 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	SP-11 2001-04-10 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-14 2002-01-09 4 . 2 . 0	get it				
	SP-16 2002-06-28 4 . 3 . 0	get it				

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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> 4.5.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
	SP-10 2000-12-21	4 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-12 2001-06-27	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	bug fix 2001-06-29	4 . 1 . 1		get it		
	SP-13 2001-10-02	4 . 2 . 0		get it		
	SP-15 2002-03-28	4 . 3 . 0		get it		
	SP-19 2003-04-04	4 . 4 . 0		get it		
	SP-20 2003-06-25	4 . 5 . 0		get it		

TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version,</i>						
	SP-09 2000-10-10	4 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-11 2001-04-10	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 2001-04-10	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 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 2001-04-10	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> Derived from 26.914 R99.	

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

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TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
SP-13 2001-10-02 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-17 2002-09-24 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
SP-13 2001-10-02 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 2002-03-28 4 . 2 . 0 [get it](#)
SP-17 2002-09-24 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 2000-11-02 0 . 1 . 0 [get it](#) *remarks - general:*
SP-10 2000-12-21 1 . 0 . 0 [get it](#) *remarks - this release:*
SP-11 2001-04-10 4 . 0 . 0 [get it](#)
SP-14 2002-01-09 4 . 1 . 0 [get it](#)
SP-15 2002-03-28 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 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 2000-10-19	0 . 0 . 1	get it	<i>remarks - general:</i>			
draft 2000-10-26	0 . 0 . 2	get it	<i>remarks - this release:</i>			
draft 2000-11-02	0 . 0 . 3	get it				
SP-10 2000-12-21	1 . 0 . 0	get it			SP-000566	
SP-11 2001-04-10	4 . 0 . 0	get it				
SP-13 2001-10-02	4 . 1 . 0	get it				
SP-14 2002-01-09	4 . 2 . 0	get it				
SP-15 2002-03-28	4 . 3 . 0	get it				
SP-16 2002-06-28	4 . 4 . 0	get it				
SP-18 2003-01-03	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 2000-03-17	2 . 0 . 0	get it	<i>remarks - general:</i>			
SP-07 2000-03-17	4 . 0 . 0	get it	<i>remarks - this release:</i>			
edito 2000-04-26	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 2000-12-21	4 . 0 . 0	get it	<i>remarks - general:</i>			
SP-11 2001-04-10	4 . 1 . 0	get it	<i>remarks - this release:</i>			
SP-19 2003-04-04	4 . 2 . 0	get it				

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 2001-04-10	4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> 2002-06-18: not useful to upgrade to Rel-5?			

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

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Server ACTIVE specs Rel-4 26 .- series
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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 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
SP-13 2001-10-02 4 . 1 . 0 [get it](#) *remarks - this release:*

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

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

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Rel-4 *current version:* 4.11.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-08 2000-06-28 4 . 0 . 0 [get it](#) *remarks - general:*
NP-09 2000-10-23 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-10 2001-01-04 4 . 2 . 0 [get it](#)
NP-11 2001-04-05 4 . 3 . 0 [get it](#)
NP-12 2001-07-04 4 . 4 . 0 [get it](#)
NP-13 2001-10-10 4 . 5 . 0 [get it](#)
NP-14 2002-01-11 4 . 6 . 0 [get it](#)
NP-15 2002-03-20 4 . 7 . 0 [get it](#)
NP-17 2002-09-17 4 . 8 . 0 [get it](#)
NP-19 2003-03-27 4 . 9 . 0 [get it](#)
NP-20 2003-06-25 4 . 10 . 0 [get it](#)
NP-21 2003-10-01 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 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) 2000-10-12 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 2000-12-22 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 2001-04-02 4 . 1 . 0 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 2001-10-04 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-16 2002-06-25 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-09 2000-10-11 4 . 0 . 0 [get it](#) *remarks - general:*
TP-11 2001-04-11 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-12 2001-07-04 4 . 2 . 0 [get it](#)
TP-14 2002-01-15 4 . 3 . 0 [get it](#)
TP-15 2002-04-04 4 . 4 . 0 [get it](#)
TP-18 2002-12-20 4 . 5 . 0 [get it](#)
TP-19 2003-03-31 4 . 6 . 0 [get it](#)

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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 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 2001-10-04 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 2002-03-25 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-11 2001-04-06 4 . 0 . 0 [get it](#) *remarks - general:* GPRS
NP-16 2002-06-24 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-17 2002-09-17 4 . 2 . 0 [get it](#)
NP-20 2003-06-23 4 . 3 . 0 [get it](#)
edito post NP-20: 2003-07-01 4 . 3 . 1 [get it](#)
corrects typo
(wrong version no.
on cover)

TS 27.103 Wide Area Network Synchronization

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T2 / - *rapporteur:* REX, Thomas ERICSSON MOBILE COMMUNICATIONS AB
freeze_meeting: SP-11 *G: U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:*
TP-15 2002-03-26 4 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs Rel-4 27 .- series
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TR 27.903 Discussion of synchronization standards

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

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

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

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

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

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,
SP-05 1999-10-13 0 . 0 . 0
SP-09 2000-10-18 0 . 0 . 3
SP-10 2000-12-21 1 . 0 . 0 NP-000568
draft 2001-02-08 1 . 1 . 0
SP-11 2001-04-10 4 . 0 . 0
SP-12 2001-06-27 4 . 1 . 0
edito 2001-10-01 4 . 1 . 1
SP-14 2002-01-09 4 . 2 . 0
SP-15 2002-03-28 4 . 3 . 0
SP-16 2002-06-28 4 . 4 . 0
SP-18 2003-01-03 4 . 5 . 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:* TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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: 4.14.0

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 2000-06-23 4 . 0 . 0

edito 2000-08-04 4 . 0 . 1

edito 2000-08-11 4 . 0 . 2

NP-09 2000-10-26 4 . 1 . 0

NP-10 2000-12-20 4 . 2 . 0

edito 2001-02-01 4 . 2 . 1

NP-11 2001-04-06 4 . 3 . 0

NP-12 2001-07-06 4 . 4 . 0

edito 2001-08-16 4 . 4 . 1

NP-13 2001-10-03 4 . 5 . 0

NP-14 2002-01-18 4 . 6 . 0

NP-15 2002-04-04 4 . 7 . 0

NP-16 2002-06-21 4 . 8 . 0

NP-17 2002-09-24 4 . 9 . 0

NP-18 2003-01-09 4 . 10 . 0

NP-19 2003-04-04 4 . 11 . 0

NP-20 2003-07-04 4 . 12 . 0

delayed availability due to complexity
of changes

NP-21 2003-10-09 4 . 13 . 0

NP-23 4 . 14 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

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Server ACTIVE specs Rel-4 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								
Rel-4	<i>current version:</i> 4.10.0	<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-09 2000-10-12	4 . 0 . 0	get it	<i>remarks - general:</i>					
	NP-10 2001-01-04	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	NP-11 2001-03-29	4 . 2 . 0	get it						
	NP-14 2002-01-11	4 . 3 . 0	get it						
	NP-16 2002-06-24	4 . 4 . 0	get it						
	NP-17 2002-09-17	4 . 5 . 0	get it						
	NP-18 2003-01-09	4 . 6 . 0	get it						
	NP-19 2003-03-27	4 . 7 . 0	get it						
	NP-20 2003-06-23	4 . 8 . 0	get it						
	NP-21 2003-10-01	4 . 9 . 0	get it						
	NP-22 2004-01-22	4 . 10 . 0	get it						

TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Rel-4	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	<i>4.8.0WG (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 2001-03-30	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)					
	NP-12 2001-07-06	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	NP-14 2002-01-11	4 . 2 . 0	get it						
	NP-16 2002-06-21	4 . 3 . 0	get it						
	NP-17 2002-09-18	4 . 4 . 0	get it						
	NP-18 2003-01-07	4 . 5 . 0	get it						
	NP-20 2003-06-27	4 . 6 . 0	get it						
	NP-22 2004-01-12	4 . 7 . 0	get it						
	NP-23	4 . 8 . 0	get it						

TS 29.011	Signalling Interworking for Supplementary Services								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 2001-04-04	4 . 0 . 0	get it	<i>remarks - general:</i>					
	correct references 2002-06-25	4 . 0 . 1	get it	<i>remarks - this release:</i>					

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TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
Rel-4	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich				Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11	2001-04-04	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4			
	update references	2002-06-24	4 . 0 . 1		get it	<i>remarks - this release:</i>			
<hr/>									
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan				VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-11	2001-04-06	4 . 0 . 0		get it	<i>remarks - general:</i>			
	NP-16	2002-06-26	4 . 1 . 0		get it	<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-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan				VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-11	2001-04-06	4 . 0 . 0		get it	<i>remarks - general:</i>			
	NP-13	2001-10-03	4 . 1 . 0		get it	<i>remarks - this release:</i>			
	NP-14	2002-01-04	4 . 2 . 0		get it				
	NP-15	2002-03-19	4 . 3 . 0		get it				
	NP-16	2002-06-26	4 . 4 . 0		get it				
	NP-21	2003-10-10	4 . 5 . 0		get it				

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					
Rel-4	<i>current version:</i> 4.11.0	<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 2001-03-30	4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-12 2001-07-04	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-13 2001-10-03	4 . 2 . 0	get it			
	NP-14 2002-01-11	4 . 3 . 0	get it			
	NP-15 2002-03-28	4 . 4 . 0	get it			
	NP-17 2002-09-18	4 . 5 . 0	get it			
	NP-18 2003-01-07	4 . 6 . 0	get it			
	NP-19 2003-04-04	4 . 7 . 0	get it			
	NP-20 2003-06-27	4 . 8 . 0	get it			
	NP-21 2003-10-09	4 . 9 . 0	get it			
	NP-22 2004-01-12	4 . 10 . 0	get it			
	NP-23	4 . 11 . 0				

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)					
Rel-4	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<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 2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the	
	NP-12 2001-06-28	4 . 1 . 0	get it	<i>remarks - this release:</i>	Public Land Mobile Network (PLMN) supporting GPRS and Packet".	
	NP-13 2001-10-12	4 . 2 . 0	get it			
	NP-14 2002-01-14	4 . 3 . 0	get it			
	NP-15 2002-03-20	4 . 4 . 0	get it			
	NP-16 2002-07-02	4 . 5 . 0	get it			
	NP-18 2003-01-09	4 . 6 . 0	get it			
	NP-19 2003-03-27	4 . 7 . 0	get it			
	NP-20 2003-06-23	4 . 8 . 0	get it			
	NP-22 2004-01-15	4 . 9 . 0	get it			

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TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification					
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	NP-11 2001-03-29	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4		
	NP-12 2001-07-03	4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3		
	NP-13 2001-10-03	4 . 2 . 0	get it			
	NP-14 2002-01-04	4 . 3 . 0	get it			
	NP-15 2002-03-19	4 . 4 . 0	get it			
	NP-16 2002-06-17	4 . 5 . 0	get it			
	NP-17 2002-09-17	4 . 6 . 0	get it			
	NP-18 2002-12-18	4 . 7 . 0	get it			
	NP-19 2003-03-25	4 . 8 . 0	get it			

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen			
	<i>history (event, available, version,</i>					
	RP-11 2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)		
	RP-13 2001-10-12	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-16 2002-06-28	4 . 2 . 0	get it			
	RP-18 2003-01-03	4 . 3 . 0	get it			
	RP-19 2003-03-26	4 . 4 . 0	get it			

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 2001-04-04	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 2000-10-25	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	<i>current version:</i> 4.3.4			<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.
	<i>freeze_meeting:</i> NP-11			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian	
				<i>U:</i> yes		
<i>history (event, available, version,</i>						
NP-11	2001-03-27	4	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0
NP-13	2001-10-08	4	.	2	.	0
NP-14	2002-01-08	4	.	3	.	0
edito	2002-03-20	4	.	3	.	1
edito (references	2003-03-31	4	.	3	.	2
etc)						
edito	2003-06-18	4	.	3	.	3
						Introduction - update of table explaining how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond; References
edito	2004-01-14	4	.	3	.	4
						Introiduction - update of tables explaining how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond

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

Rel-4	<i>current version:</i> 4.7.0			<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.
	<i>freeze_meeting:</i> NP-11			<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian	
				<i>U:</i> yes		
<i>history (event, available, version,</i>						
NP-11	2001-03-27	4	.	0	.	0
NP-12	2001-06-29	4	.	1	.	0
NP-13	2001-10-08	4	.	2	.	0
NP-14	2002-01-08	4	.	3	.	0
NP-15	2002-03-20	4	.	4	.	0
NP-19	2003-03-31	4	.	5	.	0
NP-20	2003-06-18	4	.	6	.	0
NP-22	2004-01-14	4	.	7	.	0

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	2001-03-27	4	.	0	.	0	get it	<i>remarks - general:</i>
NP-12	2001-06-29	4	.	1	.	0	get it	<i>remarks - this release:</i>
NP-13	2001-10-08	4	.	2	.	0	get it	
NP-14	2002-01-08	4	.	3	.	0	get it	
NP-15	2002-03-20	4	.	4	.	0	get it	
NP-16	2002-07-05	4	.	5	.	0	get it	
NP-17	2002-10-01	4	.	6	.	0	get it	
NP-19	2003-03-31	4	.	7	.	0	get it	
NP-20	2003-06-18	4	.	8	.	0	get it	

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11		1	.	0	.	0		<i>remarks - general:</i>
edito	2001-03-27	1	.	0	.	1	get it	<i>remarks - this release:</i>
NP-12		2	.	0	.	0		
NP-12	2001-06-29	4	.	0	.	0	get it	
NP-13	2001-10-12	4	.	1	.	0	get it	
NP-14	2002-01-08	4	.	2	.	0	get it	
NP-15	2002-03-20	4	.	3	.	0	get it	
NP-16	2002-07-05	4	.	4	.	0	get it	
NP-17	2002-10-01	4	.	5	.	0	get it	
NP-19	2003-03-31	4	.	6	.	0	get it	
NP-20	2003-06-18	4	.	7	.	0	get it	
NP-22	2004-01-14	4	.	8	.	0	get it	

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	2001-03-27	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	2001-06-29	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	2001-10-08	4	.	2	.	0	get it
NP-14	2002-01-08	4	.	3	.	0	get it
NP-15	2002-03-20	4	.	4	.	0	get it
NP-17	2002-10-01	4	.	5	.	0	get it
NP-19	2003-03-31	4	.	6	.	0	get it
NP-20	2003-06-18	4	.	7	.	0	get it
NP-22	2004-01-14	4	.	8	.	0	get it

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	2001-03-27	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	2001-06-29	4	.	1	.	0	get it <i>remarks - this release:</i>
IDL file corrected	2001-07-12	4	.	1	.	1	get it
NP-13	2001-10-08	4	.	2	.	0	get it
edito	2001-10-12	4	.	2	.	1	get it
NP-14	2002-01-08	4	.	3	.	0	get it
NP-15	2002-03-20	4	.	4	.	0	get it
NP-19	2003-03-31	4	.	5	.	0	get it

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	2001-03-27	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	2001-06-29	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	2001-10-08	4	.	2	.	0	get it
NP-14	2002-01-08	4	.	3	.	0	get it
NP-15	2002-03-20	4	.	4	.	0	get it
NP-19	2003-03-31	4	.	5	.	0	get it

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	2001-03-27	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	2001-06-29	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	2001-10-08	4	.	2	.	0	get it
NP-14	2002-01-08	4	.	3	.	0	get it
NP-15	2002-03-20	4	.	4	.	0	get it
NP-17	2002-10-01	4	.	5	.	0	get it
NP-19	2003-03-31	4	.	6	.	0	get it
NP-20	2003-06-18	4	.	7	.	0	get it

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11		1	.	0	.	0	<i>remarks - general:</i>
edito	2001-03-27	1	.	0	.	1	get it <i>remarks - this release:</i>
NP-12	2001-06-29	4	.	0	.	0	get it
NP-13	2001-10-08	4	.	1	.	0	get it
NP-14	2002-01-08	4	.	2	.	0	get it
NP-15	2002-03-20	4	.	3	.	0	get it
NP-19	2003-03-31	4	.	4	.	0	get it

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11		1	.	0	.	0	<i>remarks - general:</i>
edito	2001-03-27	1	.	0	.	1	get it <i>remarks - this release:</i>
NP-12		2	.	0	.	0	
NP-12	2001-06-29	4	.	0	.	0	get it
NP-13	2001-10-08	4	.	1	.	0	get it
NP-14	2002-01-08	4	.	2	.	0	get it
NP-15	2002-03-20	4	.	3	.	0	get it
NP-19	2003-03-31	4	.	4	.	0	get it
NP-22	2004-01-14	4	.	5	.	0	get it

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

Rel-4 *current version:* 4.3.0 *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 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:*
edito 2001-05-09 4 . 0 . 1 [get it](#) *remarks - this release:*
NP-13 2001-10-03 4 . 1 . 0 [get it](#)
correct references 2002-06-25 4 . 1 . 1 [get it](#)
NP-17 2002-09-18 4 . 2 . 0 [get it](#)
NP-18 2003-01-07 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-11 2001-03-30 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 2001-07-04 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 2001-10-03 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-10 2001-01-12 1 . 0 . 0 NP-000652 [get it](#) *remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.IT
NP-11 2001-03-30 4 . 0 . 0 [get it](#) *remarks - this release:*
NP-12 2001-07-04 4 . 1 . 0 [get it](#)
NP-13 2001-10-05 4 . 2 . 0 [get it](#)
NP-14 2002-01-11 4 . 3 . 0 [get it](#)
NP-15 2002-03-28 4 . 4 . 0 [get it](#)
NP-16 2002-06-21 4 . 5 . 0 [get it](#)
NP-17 2002-09-18 4 . 6 . 0 [get it](#)
NP-18 2003-01-07 4 . 7 . 0 [get it](#)
NP-20 2003-06-27 4 . 8 . 0 [get it](#)

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TS 29.414	Core network Nb data transport and transport signalling								
Rel-4	<i>current version:</i> 4.4.0			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-11 2001-04-06	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-12 2001-06-28	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-13 2001-10-03	4 . 2 . 0		get it					
	NP-14 2002-01-11	4 . 3 . 0		get it					
	NP-15 2002-03-20	4 . 4 . 0		get it					
<hr/>									
TS 29.415	Core network Nb interface user plane protocols								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-11 2001-04-06	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-13 2001-10-03	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-14 2002-01-11	4 . 2 . 0		get it					
	NP-19 2003-03-27	4 . 3 . 0		get it					
<hr/>									
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-4	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-16 2002-06-26	4 . 0 . 0		get it	<i>remarks - general:</i>	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to			
	edito post NP-18 2002-12-16	4 . 0 . 1	minor editorials to change style from TS to TR.	get it	<i>remarks - this release:</i>	. latest Release version.			
<hr/>									
TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	NP-11 2001-04-02	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 29 .- series
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Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

Rel-4 *current version:* 4.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 2003-04-07 4 . 0 . 2 Technically identical to 30.002 v4.0.1. [get it](#) *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG
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 Indicate persons who left Company and wait for new
freeze_meeting: TP-21 *G: yes U: yes* *MCC:* JURISIC, Andrijana One
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:* JURISIC, Andrijana
history (event, available, version,
TP-11 2001-04-09 4 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 2003-01-02 4 . 1 . 0 [get it](#) *remarks - this release:*

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TS 31.102	Characteristics of the USIM application						
Rel-4	<i>current version:</i> 4.12.0			WG (prime / other): T3 / -	<i>rapporteur:</i> HEIM, Christian		GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>						
	TP-11 2001-04-09	4 . 0 . 0		get it	<i>remarks - general:</i>		
	TP-12 2001-07-23	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	TP-13 2001-10-11	4 . 2 . 0		get it			
	TP-14 2002-01-17	4 . 3 . 0		get it			
	TP-15 2002-03-28	4 . 4 . 0		get it			
	TP-16 2002-06-28	4 . 5 . 0		get it			
	TP-17 2002-09-25	4 . 6 . 0		get it			
	TP-18 2003-01-02	4 . 7 . 0		get it			
	TP-19 2003-04-01	4 . 8 . 0		get it			
	TP-20 2003-06-23	4 . 9 . 0		get it			
	TP-21 2003-09-30	4 . 10 . 0		get it			
	TP-22 2004-01-12	4 . 11 . 0		get it			
	TP-23	4 . 12 . 0					
TS 31.110	Numbering system for telecommunication IC card applications						
Rel-4	<i>current version:</i> 4.1.0			WG (prime / other): T3 / -	<i>rapporteur:</i> DIETRICH, Christian		Axalto, Schlumberger Systèmes S.A.
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>						
	TP-11 2001-05-16	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 2002-01-16	4 . 1 . 0		get it			

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TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)						
Rel-4	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>						
	TP-09 2000-10-18	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 2001-01-05	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-11 2001-04-09	4 . 2 . 0	get it				
	edito 2001-04-10	4 . 2 . 1	get it				
	TP-12 2001-07-06	4 . 3 . 0	get it				
	TP-13 2001-10-12	4 . 4 . 0	get it				
	TP-14 2002-01-16	4 . 5 . 0	get it				
	TP-15 2002-03-28	4 . 6 . 0	get it				
	TP-16 2002-06-28	4 . 7 . 0	get it				
	TP-17 2002-09-18	4 . 8 . 0	get it				
	TP-18 2003-01-02	4 . 9 . 0	get it				
	TP-19 2003-04-04	4 . 10 . 0	get it				
	TP-21 2003-09-29	4 . 11 . 0	get it				

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	Orga Test Systems Gmbh			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana				
	<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.			

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

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Server ACTIVE specs Rel-4 31 .- series
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TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-4 *current version:* 4.7.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: SP-12 *G:* U: yes *MCC:* JURISIC, Andrijana

history (event, available, version,
TP-12 2001-07-06 4 . 0 . 0 [get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)
TP-16 2002-06-19 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-17 2002-09-18 4 . 2 . 0 [get it](#)
TP-18 2003-01-02 4 . 3 . 0 [get it](#)
TP-19 2003-03-26 4 . 4 . 0 [get it](#)
TP-20 2003-06-23 4 . 5 . 0 [get it](#)
TP-21 2003-09-29 4 . 6 . 0 [get it](#)
TP-23 4 . 7 . 0

TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-12 *G:* U: yes *MCC:* JURISIC, Andrijana

history (event, available, version,
remarks - general: based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was
remarks - this release: 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.
split into two parts

Rel-4 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-11 2001-03-28 4 . 0 . 0 [get it](#) *remarks - general:*
edito 2001-04-11 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-12 2001-07-03 4 . 1 . 0 [get it](#)
SP-13 2001-10-05 4 . 2 . 0 [get it](#)
edito 2002-03-26 4 . 2 . 1 [get it](#)

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-11 2001-03-28 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 2001-07-03 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 2001-10-05 4 . 2 . 0 [get it](#)
SP-19 2003-03-31 4 . 3 . 0 [get it](#)
SP-21 2003-10-03 4 . 4 . 0 [get it](#)
SP-23 4 . 5 . 0

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 2001-07-03 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
edito (layout and 2003-01-07 4 . 0 . 1 [get it](#) *remarks - this release:*
references)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 2001-07-04 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 2001-10-05 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-14 2002-01-11 4 . 2 . 0 [get it](#)
SP-15 2002-03-26 4 . 3 . 0 [get it](#)
SP-17 2002-09-18 4 . 4 . 0 [get it](#)
SP-18 2003-01-09 4 . 5 . 0 [get it](#)
SP-19 2003-03-31 4 . 6 . 0 [get it](#)

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TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-12 2001-07-04 4 . 0 . 0

[get it](#) *remarks - general:* TSG#8: split into 4 parts

SP-13 2001-10-05 4 . 1 . 0

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

SP-15 2002-03-26 4 . 2 . 0

[get it](#)

SP-16 2002-06-20 4 . 3 . 0

[get it](#)

SP-17 2002-09-20 4 . 4 . 0

[get it](#)

SP-18 2003-01-09 4 . 5 . 0

[get it](#)

SP-19 2003-04-01 4 . 6 . 0

[get it](#)

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG

freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-13 2001-10-05 4 . 0 . 0

[get it](#) *remarks - general:* TSG#8: split into 4 parts

SP-14 2002-01-11 4 . 1 . 0

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

SP-15 2002-03-26 4 . 2 . 0

[get it](#)

SP-16 2002-06-20 4 . 3 . 0

[get it](#)

SP-18 2003-01-09 4 . 4 . 0

[get it](#)

SP-19 2003-04-01 4 . 5 . 0

[get it](#)

SP-21 2003-10-02 4 . 6 . 0

[get it](#)

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG

freeze_meeting: SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-12 2001-06-18 1 . 0 . 1 SP-010236

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

SP-13 2001-10-01 2 . 0 . 0 SP-010464

[get it](#) *remarks - this release:* Had been indicated as approved at SP-12, but this was erroneous.

SP-13 2001-10-05 4 . 0 . 0

[get it](#)

SP-15 2002-03-26 4 . 1 . 0

[get it](#)

SP-16 2002-06-20 4 . 2 . 0

[get it](#)

SP-18 2003-01-06 4 . 3 . 0

[get it](#)

SP-19 2003-04-02 4 . 4 . 0

[get it](#)

SP-21 2003-10-02 4 . 5 . 0

[get it](#)

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-4 *current version:* 4.7.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-11 2001-03-29 1 . 0 . 0 [get it](#) *remarks - general:*
SP-12 2001-06-18 1 . 1 . 1 SP-010236 [get it](#) *remarks - this release:*
SP-13 2001-09-26 2 . 0 . 0 SP-010464 [get it](#)
SP-13 2001-10-09 4 . 0 . 0 [get it](#)
SP-15 2002-03-26 4 . 1 . 0 [get it](#)
edito post SP-15 2002-03-27 4 . 1 . 1 [get it](#)
SP-16 2002-06-20 4 . 2 . 0 [get it](#)
SP-18 2003-01-09 4 . 3 . 0 [get it](#)
SP-19 2003-04-02 4 . 4 . 0 [get it](#)
SP-21 2003-10-02 4 . 5 . 0 [get it](#)
SP-22 2004-01-05 4 . 6 . 0 [get it](#)
SP-23 4 . 7 . 0

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 2001-06-18 1 . 0 . 1 SP-010236 [get it](#) *remarks - general:*
SP-13 2001-10-01 2 . 0 . 0 SP-010464 [get it](#) *remarks - this release:*
SP-13 2001-10-09 4 . 0 . 0 [get it](#)
SP-14 2002-01-11 4 . 1 . 0 [get it](#)
SP-15 2002-03-26 4 . 2 . 0 [get it](#)
edito post SP-15 2002-03-27 4 . 2 . 1 [get it](#)
SP-16 2002-06-20 4 . 3 . 0 [get it](#)
SP-18 2003-01-09 4 . 4 . 0 [get it](#)
SP-21 2003-10-02 4 . 5 . 0 [get it](#)
SP-22 2004-01-05 4 . 6 . 0 [get it](#)
SP-23 4 . 7 . 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
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TS 32.235	Telecommunication management; Charging management; Charging data description for application services					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 2001-06-18	1 . 0 . 1	get it	SP-010236	remarks - general:	
	SP-13 2001-10-01	2 . 0 . 0	get it	SP-010464	remarks - this release:	.
	SP-13 2001-10-08	4 . 0 . 0	get it			
	SP-15 2002-03-26	4 . 1 . 0	get it			
	SP-16 2002-06-20	4 . 2 . 0	get it			
	SP-17 2002-09-18	4 . 3 . 0	get it			
	SP-18 2003-01-07	4 . 4 . 0	get it			
	SP-19 2003-04-02	4 . 5 . 0	get it			
	SP-20 2003-06-09	4 . 6 . 0	get it			

TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC: ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 2001-06-18	2 . 0 . 0	get it	SP-010283	remarks - general:	Replaces 32.106-8 (pars)
	SP-12 2001-07-03	4 . 0 . 0	get it		remarks - this release:	.
	SP-14 2002-01-11	4 . 1 . 0	get it			
edito post	SP-18 2003-01-13	4 . 1 . 1	get it			

TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC: ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 2001-06-21	2 . 0 . 0	get it		remarks - general:	was 32.301-1
	SP-12 2001-07-03	4 . 0 . 0	get it		remarks - this release:	.
	edito 2002-03-26	4 . 0 . 1	get it			
edito post	SP-18 2003-01-13	4 . 0 . 2	get it			

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TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-2	
SP-12	2001-07-04	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-14	2002-01-11	4 . 1 . 0	get it		
edito post SP-18	2003-01-13	4 . 1 . 1	get it		
SP-20	2003-06-27	4 . 2 . 0	get it		
<hr/>					
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-3	
SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-13	2001-10-05	4 . 1 . 0	get it		
SP-15	2002-03-26	4 . 2 . 0	get it		
SP-17	2002-09-19	4 . 3 . 0	get it		
edito post SP-17	2002-10-01	4 . 3 . 1	get it		
edito post SP-18	2003-01-13	4 . 3 . 2	get it		
SP-19	2003-03-31	4 . 4 . 0	get it		
SP-21	2003-10-01	4 . 5 . 0	get it		
<hr/>					
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution				
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-4	
SP-12	2001-07-04	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-13	2001-10-05	4 . 1 . 0	get it		
SP-15	2002-03-26	4 . 2 . 0	get it		
edito post SP-18	2003-01-13	4 . 2 . 1	get it		

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TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-1		
	SP-12 2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	edito 2001-07-12	4 . 0 . 1	get it			
edito post	SP-18 2003-01-13	4 . 0 . 2	get it			
	SP-22 2004-01-05	4 . 1 . 0	get it			

TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-2		
	SP-12 2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
edito post	SP-18 2003-01-13	4 . 0 . 1	get it			
	SP-22 2004-01-05	4 . 1 . 0	get it			

TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-13	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 2001-06-20	1 . 0 . 0	get it	<i>remarks - general:</i> was 32.104 (pars)		
	edito 2001-06-27	1 . 0 . 1	get it	<i>remarks - this release:</i> .		
	SP-13 2001-10-11	2 . 0 . 0	get it			SP-010467
	SP-13 2001-10-05	4 . 0 . 0	get it			
	SP-14 2002-01-11	4 . 1 . 0	get it			
	SP-17 2002-09-18	4 . 2 . 0	get it			
	SP-20 2003-06-27	4 . 3 . 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> 4.6.0	<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 2001-06-20	1 . 0 . 2	get it	<i>remarks - general:</i> was 32.104 (pars)	
	SP-12 2001-07-04	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 2001-10-05	4 . 1 . 0	get it		
	SP-15 2002-03-26	4 . 2 . 0	get it		
editorial clean up	2002-06-20	4 . 2 . 1	get it		
	SP-19 2003-03-31	4 . 3 . 0	get it		
	SP-20 2003-06-27	4 . 4 . 0	get it		
	SP-21 2003-10-15	4 . 5 . 0	get it		
	SP-23	4 . 6 . 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> TOVINGER, Thomas		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 2001-06-18	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).	
	SP-12 2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .	

TS 32.601	Telecommunication management; Configuration Management (CM); Basic Configuration Management (CM) Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-1	
	SP-12 2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .	

TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Information service				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-2	
	SP-12 2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 2001-10-05	4 . 1 . 0	get it		
	SP-22 2004-01-13	4 . 2 . 0	get it		
	SP-23	4 . 3 . 0			

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

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TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution

Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 2001-06-21 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-3
SP-12 2001-07-03 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 2001-10-05 4 . 1 . 0 [get it](#)
SP-15 2002-03-27 4 . 2 . 0 [get it](#)
SP-16 2002-06-20 4 . 3 . 0 [get it](#)
post SP-16 2002-07-04 4 . 3 . 1 [get it](#)
correction of
cover page

TS 32.604 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 2001-06-21 2 . 0 . 0 [get it](#) *remarks - general:* was 32.601-4
SP-12 2001-07-03 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 2001-10-05 4 . 1 . 0 [get it](#)
SP-14 2002-01-11 4 . 2 . 0 [get it](#)

TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 2001-06-21 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-1
SP-12 2001-07-03 4 . 0 . 0 [get it](#) *remarks - this release:* .

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

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TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information service								
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor					MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-2				
	SP-12 2001-07-04	4 . 0 . 0	get it	<i>remarks - this release:</i>	.				
	SP-13 2001-10-05	4 . 1 . 0	get it						
	SP-16 2002-06-21	4 . 2 . 0	get it						
	SP-17 2002-09-27	4 . 3 . 0	get it						
	SP-18 2003-01-07	4 . 4 . 0	get it						
	SP-22 2004-01-13	4 . 5 . 0	get it						
	SP-23	4 . 6 . 0							
<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>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-3				
	SP-12 2001-07-04	4 . 0 . 0	get it	<i>remarks - this release:</i>	.				
	SP-14 2002-01-11	4 . 1 . 0	get it						
	SP-16 2002-06-21	4 . 2 . 0	get it						
	SP-17 2002-09-27	4 . 3 . 0	get it						
	SP-18 2003-01-07	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>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-4				
	SP-12 2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i>	.				
	SP-13 2001-10-05	4 . 1 . 0	get it						
	SP-16 2002-06-21	4 . 2 . 0	get it						
	SP-18 2003-01-07	4 . 3 . 0	get it						

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

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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:* 4.4.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 2001-06-21 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5
SP-12 2001-07-03 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 2002-01-11 4 . 1 . 0 [get it](#)
SP-15 2002-03-27 4 . 2 . 0 [get it](#)
SP-20 2003-06-27 4 . 3 . 0 XML in separate file, added 2003-07-03 [get it](#)
Adds XML file with 2003-10-17 4 . 3 . 1 [get it](#)
reference from
document
SP-22 2004-01-13 4 . 4 . 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 2001-06-21 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-1
SP-12 2001-07-03 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:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 2001-06-21 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-2
SP-12 2001-07-03 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 2001-10-05 4 . 1 . 0 [get it](#)
SP-15 2002-03-27 4 . 2 . 0 [get it](#)
SP-16 2002-06-28 4 . 3 . 0 [get it](#)
SP-20 2003-06-27 4 . 4 . 0 [get it](#)

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-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-2
SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .
SP-14	2002-01-11	4 . 1 . 0	get it	
SP-16	2002-06-28	4 . 2 . 0	get it	
SP-19	2003-04-01	4 . 3 . 0	get it	
SP-21	2003-10-15	4 . 4 . 0	get it	

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture					
Rel-4	<i>current version:</i> (CORBA) solution set	4.1.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> PAL, Tapinder	T-
MOBILE DEUTSCHLAND						
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-3		
SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
SP-16	2002-06-28	4 . 1 . 0	get it			

TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Management Information Protocol (CMIP)					
Rel-4	<i>current version:</i> solution set	4.1.1	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf	
SIEMENS AG						
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-4		
SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
SP-13	2001-10-05	4 . 1 . 0	get it			
edito after SP-17	2002-09-18	4 . 1 . 1	get it			

TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-1
SP-12	2001-07-03	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 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> 4.4.0	WG (prime / other):	S5 / -	<i>rapporteur:</i>	PETERSEN, Robert	Ericsson AB			
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>history (event, available, version,</i>									
SP-12	2001-06-21	2	.	0	.	0	get it	<i>remarks - general:</i>	was 32.622-2
SP-12	2001-07-03	4	.	0	.	0	get it	<i>remarks - this release:</i>	.
SP-16	2002-06-28	4	.	1	.	0	get it		
SP-17	2002-09-27	4	.	2	.	0	get it		
SP-20	2003-06-26	4	.	3	.	0	get it		
SP-22	2004-01-13	4	.	4	.	0	get it		

TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-4	<i>current version:</i> (CORBA) solution set	4.3.0	WG (prime / other):	S5	/-	<i>rapporteur:</i>	RAYMER, David		
Motorola Inc.									
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
<i>history (event, available, version,</i>									
SP-12	2001-06-21	2	.	0	.	0	get it	<i>remarks - general:</i>	was 32.622-3
SP-12	2001-07-03	4	.	0	.	0	get it	<i>remarks - this release:</i>	.
SP-14	2002-01-11	4	.	1	.	0	get it		
SP-20	2003-06-27	4	.	2	.	0	get it		
SP-22	2004-01-13	4	.	3	.	0	get it		

TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol								
Rel-4	<i>current version:</i> (CMIP) solution set	4.3.0	WG (prime / other):	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	2001-06-21	2	.	0	.	0	get it	<i>remarks - general:</i>	was 32.622-4
SP-12	2001-07-03	4	.	0	.	0	get it	<i>remarks - this release:</i>	.
SP-13	2001-10-05	4	.	1	.	0	get it		
edito post SP-17	2002-09-18	4	.	1	.	1	get it		
SP-20	2003-06-26	4	.	2	.	0	get it		
SP-22	2004-01-13	4	.	3	.	0	get it		

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

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TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.623-1
SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .

TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-12	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.623-2
SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .
SP-13	2001-10-05	4 . 1 . 0	get it	
SP-14	2002-01-11	4 . 2 . 0	get it	
SP-16	2002-06-28	4 . 3 . 0	get it	
SP-17	2002-09-27	4 . 4 . 0	get it	
SP-20	2003-06-26	4 . 5 . 0	get it	

TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture			
Rel-4	<i>current version:</i> (CORBA) solution set	4.2.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> RAYMER, David
Motorola Inc.				
	<i>freeze_meeting:</i> SP-12	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.623-3
SP-12	2001-07-04	4 . 0 . 0	get it	<i>remarks - this release:</i> .
SP-14	2002-01-11	4 . 1 . 0	get it	
SP-20	2003-06-27	4 . 2 . 0	get it	

TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol			
Rel-4	<i>current version:</i> (CMIP) solution set	4.2.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
SIEMENS AG				
	<i>freeze_meeting:</i> SP-12	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
SP-12	2001-06-21	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.623-4
SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - this release:</i> .
SP-13	2001-10-05	4 . 1 . 0	get it	
SP-20	2003-06-27	4 . 2 . 0	get it	

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

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TR 32.800	Telecommunication management; Management level procedures and interaction with UTRAN					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BODEN, Bert	Vodafone D2 GmbH		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	draft 2000-10-31	0 . 0 . 1	get it	<i>remarks - general:</i>		
	draft 2001-01-17	0 . 0 . 3 NP-010239 (!)	get it	<i>remarks - this release:</i> .		
	SP-12 2001-06-18	1 . 0 . 0 SP-010233 (for approval!)	get it			
	SP-12 2001-07-03	4 . 0 . 0	get it			

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TS 33.102	3G security; Security architecture					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOMMAERT, Marc	Siemens nv/sa		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 2001-03-30	4 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-12 2001-07-04	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	SP-13 2001-10-03	4 . 2 . 0	get it			
	SP-14 2002-01-07	4 . 3 . 0	get it			
	SP-16 2002-06-19	4 . 4 . 0	get it			
	SP-18 2002-12-18	4 . 5 . 0	get it			

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 2001-04-11	4 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-12 2001-07-04	4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.		
	SP-13 2001-10-03	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 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic Algorithm requirements								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-11	4	.	0	.	0			
	SP-12 2001-07-04	4	.	1	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.
<hr/>									
TS 33.106	Lawful interception requirements								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-04	4	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	
<hr/>									
TS 33.107	3G security; Lawful interception architecture and functions								
Rel-4	<i>current version:</i> 4.3.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-04	4	.	0	.	0			
	SP-13 2001-10-03	4	.	1	.	0			
	SP-14 2002-01-07	4	.	2	.	0			
	SP-15 2002-03-26	4	.	3	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	
							get it		
							get it		
<hr/>									
TS 33.120	Security Objectives and Principles								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 2001-04-10	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

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 2001-04-04 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 2001-07-23 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:* 4.10.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman ANRITSU LTD

freeze_meeting: SP-13

G: *U:* yes

MCC: SULTAN, Alain

history (event, available, version,

TP-13 2001-10-08 4 . 0 . 0

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

TP-14 2002-01-09 4 . 1 . 0

[get it](#) *remarks - this release:* TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.

TP-15 2002-03-20 4 . 2 . 0

[get it](#)

edito post TP-15 2002-03-26 4 . 2 . 1

[get it](#)

TP-16 2002-06-17 4 . 3 . 0

[get it](#)

TP-17 2002-09-11 4 . 4 . 0

[get it](#)

TP-18 2002-12-18 4 . 5 . 0

[get it](#)

TP-19 2003-03-24 4 . 6 . 0

[get it](#)

TP-20 2003-06-18 4 . 7 . 0

[get it](#)

TP-21 2003-10-10 4 . 8 . 0

[get it](#)

TP-22 2004-01-16 4 . 9 . 0

[get it](#)

TP-23 4 . 10 . 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
http://www.3gpp.org/ftp/Specs/archive/34_series

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 2001-03-27 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
RP-12 2001-06-19 4 . 1 . 0 [get it](#) *remarks - this release:* TSG#9: Stable, so txfered from T1 to R2.
RP-15 2002-03-19 4 . 2 . 0 [get it](#)
RP-16 2002-06-17 4 . 3 . 0 [get it](#)
RP-18 2003-01-13 4 . 4 . 0 [get it](#)
RP-19 2003-03-25 4 . 5 . 0 [get it](#)

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-20 2003-06-17 4 . 0 . 0 upgrade sans CR [get it](#) *remarks - general:*
TP-21 2003-10-10 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

Rel-4 *current version:* 4.10.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version,
TP-12 2001-07-03 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 2001-10-03 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 2002-01-09 4 . 2 . 0 [get it](#)
TP-15 2002-03-21 4 . 3 . 0 [get it](#)
TP-16 2002-06-17 4 . 4 . 0 [get it](#)
TP-17 2002-09-05 4 . 5 . 0 [get it](#)
TP-18 2002-12-18 4 . 6 . 0 [get it](#)
TP-19 2003-03-24 4 . 7 . 0 [get it](#)
TP-20 2003-06-17 4 . 8 . 0 [get it](#)
TP-21 2003-10-10 4 . 9 . 0 [get it](#)
TP-22 2004-01-19 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 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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
TP-13 2001-10-03 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 2002-01-09 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 2002-03-20 4 . 2 . 0 [get it](#)
TP-16 2002-06-19 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
TP-13 2001-10-04 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 2002-01-09 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 2002-03-21 4 . 2 . 0 [get it](#)
TP-16 2002-06-19 4 . 3 . 0 [get it](#)

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain
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 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-18 2003-01-10 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-19 2003-04-04 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 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

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:* SULTAN, Alain
history (event, available, version,
TP-05 1999-10-13 0 . 0 . 1 [get it](#) *remarks - general:*
TP-10 2001-01-09 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 2000-10-06 1 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
RP-10 2001-01-09 4 . 0 . 0 [get it](#) *remarks - this release:*

Rel-4 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 2001-08-28 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
SP-14 2002-01-07 4 . 1 . 0 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 2001-08-28 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release:

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

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data						
Rel-4	current version: 4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc			
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice				
history (event, available, version,	SP-11 2001-08-28 4 . 0 . 0	get it	remarks - general: ex SAGE; supplied by ETSI under licence				
			remarks - this release:				
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data						
Rel-4	current version: 4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc			
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice				
history (event, available, version,	SP-11 2001-08-28 4 . 0 . 0	get it	remarks - general: ex SAGE; supplied by ETSI under licence				
			remarks - this release:				
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;						
Rel-4	current version: Document 1: General	4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice				
history (event, available, version,	SP-11 2001-05-09 4 . 0 . 0	get it	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.				
			remarks - this release: TSG#11:changed to Rel-4.				
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;						
Rel-4	current version: Document 2: Algorithm specification	4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice				
history (event, available, version,	SP-11 2001-05-09 4 . 0 . 0	get it	remarks - general: ex SAGE				
			remarks - this release: TSG#11:changed to Rel-4				
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;						
Rel-4	current version: Document 3: Implementors' test data	4.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc		
	freeze_meeting: SP-11	G: U: yes	MCC: POPE, Maurice				
history (event, available, version,	SP-11 2001-05-09 4 . 0 . 0	get it	remarks - general: ex SAGE				
			remarks - this release: TSG#11:changed to Rel-4				

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

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;
 Rel-4 *current version: Document 4: Design conformance test data* 4.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
 VODAFONE Group Plc
freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version,
 SP-11 2001-05-09 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: TSG#11:changed to Rel-4

TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;
 Rel-4 *current version: Document 5: Summary and results of design and evaluation* 4.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
 VODAFONE Group Plc
freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version,
 SP-11 2001-05-09 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: TSG#11:Formerly 35.209 Rel-99 (but never made available)

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
 Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 /- *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-11 G: yes U: MCC: POPE, Maurice
history (event, available, version,
 SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
 edito 2001-05-02 4 . 0 . 1 [get it](#) *remarks - this release:*

TR 41.033 Lawful Interception requirements for GSM
 Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 /- *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-11 G: yes U: MCC: POPE, Maurice
history (event, available, version,
 SP-11 4 . 0 . 0 *remarks - general:*
 edito 2001-05-02 4 . 0 . 1 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.061 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: SP-15: Not to be promoted to Rel-5.

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system
Rel-4 *current version:* 4.10.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-20 2003-06-25 4 . 9 . 0 Created from 41.102 v4.9.0 [get it](#) *remarks - general:*
SP-23 4 . 10 . 0 *remarks - this release:* .

Rel-4 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.009 Security Aspects
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / S1 / *rapporteur:* CHRISTOFFERSSON, TeliaSonera AB
freeze_meeting: SP-11 NP *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: SP-15: Not to be promoted to Rel-5.

TS 42.017 Subscriber Identity Module (SIM); Functional characteristics
Rel-4 *current version:* 4.0.0 *WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD
freeze_meeting: SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version,
TP-11 2001-04-09 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: 2003-07-15 (Dietze): will not progress to Rel-5, since no SIM device beyond Rel-4.

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 42.069 Voice Broadcast Service (VBS); Stage 1
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 2000-06-23 4 . 0 . 0 [get it](#) *remarks - general:*
edito 2000-10-24 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-10 2001-01-08 4 . 1 . 0 [get it](#)

Rel-4 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005 Technical performance objectives
Rel-4 *current version:* 4.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-11 2001-04-11 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 43.010 GSM Public Land Mobile Network (PLMN) connection types
Rel-4 *current version:* 4.2.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-10 2001-01-08 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 2001-04-06 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-17 2002-09-17 4 . 2 . 0 [get it](#)

TS 43.013 Discontinuous Reception (DRX) in the GSM system
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-04 2001-04-11 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

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	Axalto, Schlumberger Systèmes S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	TP-11 2001-10-23 4 . 0 . 0	get it	<i>remarks - general:</i> For test spec, see 51.013.			
	TP-14 2002-01-17 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-16 2002-06-25 4 . 2 . 0	get it				
	TP-17 2002-09-27 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 2000-11-04 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-01 2000-10-10 4 . 0 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000.			
	edito 2000-10-24 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	GP-02 2000-11-24 4 . 1 . 0	get it				
	edito 2000-11-30 4 . 1 . 1	get it				
	GP-03 2001-02-15 4 . 2 . 0	get it				
	GP-05 2001-10-05 4 . 3 . 0	get it				
	GP-10 2002-07-19 4 . 4 . 0	get it				
	GP-11 2002-09-19 4 . 5 . 0	get it				
TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
	re-issue as TR 2002-07-31 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	(not TS) as per 03.26					

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

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TR 43.030	Radio network planning aspects					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-01 2000-10-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
	some refs revert 2000-10-24 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	to pre-Rel-4 GSM					
	format					
TS 43.033	Lawful Interception; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
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 2001-04-06 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 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 2001-04-10 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 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ,	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11			Jose Luis		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	GP-04 2001-04-11	4 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-05 2001-06-29	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	GP-14 2003-04-25	4 . 2 . 0	get it			
	GP-16 2003-09-12	4 . 3 . 0	get it			

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		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-11 2001-04-10	4 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN					
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-02 2001-01-05	1 . 0 . 0	get it	<i>remarks - general:</i>		
	draft 2001-02-02	1 . 0 . 2	get it	<i>remarks - this release:</i>		
	GP-04 2001-05-09	4 . 0 . 0	get it			
	GP-05 2001-06-29	4 . 1 . 0	get it			
	GP-06 2001-10-01	4 . 2 . 0	get it			
	GP-07 2002-01-04	4 . 3 . 0	get it			
	GP-08 2002-02-19	4 . 4 . 0	get it			
	GP-10 2002-07-19	4 . 5 . 0	get it			

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TS 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

GP-03	2001-02-15	4	.	0	.	0
GP-04	2001-04-20	4	.	1	.	0
GP-07	2002-01-04	4	.	2	.	0
GP-08	2002-02-19	4	.	3	.	0
GP-14	2003-04-25	4	.	4	.	0

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

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

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

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

NP-08	2000-06-23	4	.	0	.	0
NP-09	2000-10-12	4	.	1	.	0
edito	2000-10-24	4	.	1	.	1
NP-10	2001-01-02	4	.	2	.	0
edito	2002-06-17	4	.	2	.	1
edito	2002-06-28	4	.	2	.	2
NP-21	2003-10-08	4	.	3	.	0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

NP-08	2000-06-23	4	.	0	.	0
NP-09	2000-10-12	4	.	1	.	0
edito	2002-06-28	4	.	1	.	1
NP-10	2001-01-03	4	.	2	.	0
edito	2002-06-06	4	.	2	.	1
Note 1 to 9 and Note 2 to 10 in fig. 4	2002-06-27	4	.	2	.	2
NP-21	2003-10-08	4	.	3	.	0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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Server ACTIVE specs Rel-4 43 .- series
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TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-16

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

history (event, available, version,
SP-16 2002-06-24 4 . 0 . 0 = 23.073 v4.0.0

[get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

Rel-4 **44** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

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

history (event, available, version,
NP-11 2001-04-11 4 . 0 . 0
NP-16 2002-06-20 4 . 1 . 0

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

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

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0

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

TS 44.004 Layer 1 - General Requirements

Rel-4 *current version:* 4.2.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0
GP-06 2001-09-14 4 . 1 . 0
GP-07 2002-01-08 4 . 2 . 0

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.005 Data Link (DL) Layer General Aspects

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0

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

TS 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Rel-4 *current version:* 4.1.1
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 2001-05-04 4 . 0 . 0
GP-08 2002-02-19 4 . 1 . 0
post GP-08 2003-12-05 4 . 1 . 1
editorial

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

TS 44.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Rel-4 *current version:* 4.0.1
freeze_meeting: GP-04

WG (prime / other): G2 / N2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0
edito 2002-12-17 4 . 0 . 1

[get it](#) *remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)
[get it](#) *remarks - this release:* TSG#11: Replaces 24.012 for Rel-4 on.

TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

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

history (event, available, version,
NP-11 2001-04-11 4 . 0 . 0
NP-16 2002-06-20 4 . 1 . 0

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

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Server ACTIVE specs Rel-4 44 .- series
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TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
GP-05 2001-06-18 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-10 2002-07-19 4 . 2 . 0 [get it](#)
GP-15 2003-07-10 4 . 3 . 0 [get it](#)

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 *current version:* 4.16.0 *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 2000-08-10 4 . 0 . 0 [get it](#) *remarks - general:*
GP-01 2000-10-11 4 . 1 . 0 [get it](#) *remarks - this release:* #32:9.0.0 MCC-converted Aug00:
edito 2000-10-24 4 . 1 . 1 [get it](#)
GP-02 2000-12-21 4 . 2 . 0 [get it](#)
GP-03 2001-01-31 4 . 3 . 0 [get it](#)
GP-04 2001-05-04 4 . 4 . 0 [get it](#)
GP-05 2001-06-18 4 . 5 . 0 [get it](#)
GP-06 2001-09-10 4 . 6 . 0 [get it](#)
GP-07 2002-01-08 4 . 7 . 0 [get it](#)
GP-08 2002-02-19 4 . 8 . 0 [get it](#)
GP-09 2002-05-02 4 . 9 . 0 [get it](#)
edito post GP-09 2002-05-28 4 . 9 . 1 [get it](#)
GP-10 2002-07-19 4 . 10 . 0 [get it](#)
GP-11 2002-09-16 4 . 11 . 0 [get it](#)
GP-12 2002-12-17 4 . 12 . 0 [get it](#)
GP-13 2003-02-21 4 . 13 . 0 [get it](#)
GP-14 2003-04-28 4 . 14 . 0 [get it](#)
GP-15 2003-07-10 4 . 15 . 0 [get it](#)
post GP-15 2003-12-05 4 . 15 . 1 [get it](#)
editorial
GP-18 2004-02-23 4 . 16 . 0 [get it](#)

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TS 44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Rel-4	<i>current version:</i> 4.1.0	<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-10 2000-12-21	4 . 0 . 0	get it	<i>remarks - general:</i>					
	NP-17 2002-09-19	4 . 1 . 0	get it	<i>remarks - this release:</i>					
<hr/>									
TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 2001-05-04	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-05 2001-06-18	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	GP-06 2001-09-14	4 . 2 . 0	get it						
	GP-07 2002-01-08	4 . 3 . 0	get it						
	GP-08 2002-02-19	4 . 4 . 0	get it						
	GP-09 2002-05-02	4 . 5 . 0	get it						
	GP-10 2002-07-19	4 . 6 . 0	get it						
	GP-16 2003-09-12	4 . 7 . 0	get it						
	GP-18 2004-02-23	4 . 8 . 0	get it						
<hr/>									
TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 2001-05-04	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-07 2002-01-08	4 . 1 . 0	get it	<i>remarks - this release:</i>					
<hr/>									
TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-11 2001-04-11	4 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-10 2001-01-02	4 . 0 . 0		get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.			
	NP-13 2001-10-02	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-15 2002-03-19	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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	conversion to 2000-09-06	4 . 0 . 0		get it	<i>remarks - general:</i>				
	3GPP format				<i>remarks - this release:</i>				
	NP-09 2000-10-12	4 . 1 . 0		get it					
	edito 2000-10-24	4 . 1 . 1		get it					
	NP-12 2001-06-29	4 . 2 . 0		get it					
	NP-16 2002-06-19	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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-08 2000-06-23	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-09 2000-10-12	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	edito 2000-10-24	4 . 1 . 1		get it					
	NP-12 2001-06-29	4 . 2 . 0		get it					
	NP-16 2002-06-19	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	<i>G: yes U:</i>		<i>MCC:</i>	Peter Skov THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-04 2001-05-04	4 . 0 . 0		get it	<i>remarks - general:</i>				
	GP-05 2001-06-18	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	GP-07 2002-01-08	4 . 2 . 0		get it					
	GP-10 2002-07-19	4 . 3 . 0		get it					

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Rel-4 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.001 Physical layer on the radio path; General description

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11

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

NOKIA MOBILE PHONES

history (event, available, version,

GP-01	2000-10-10	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
GP-07	2002-01-04	4	.	1	.	0
GP-14	2003-04-25	4	.	2	.	0
GP-17	2003-12-05	4	.	3	.	0

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

TS 45.002 Multiplexing and multiple access on the radio path

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11

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

NOKIA Corporation

history (event, available, version,

GP-01	2000-10-10	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
GP-02	2000-11-24	4	.	1	.	0
edito	2000-11-30	4	.	1	.	1
GP-03	2001-01-15	4	.	2	.	0
edito	2001-02-27	4	.	2	.	1
GP-04	2001-04-20	4	.	3	.	0
GP-06	2001-10-01	4	.	4	.	0
GP-07	2002-01-04	4	.	5	.	0
GP-13	2003-02-21	4	.	6	.	0
GP-14	2003-04-25	4	.	7	.	0
GP-15	2003-07-11	4	.	8	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 45.003	Channel coding					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-03 2001-02-06	4 . 0 . 0		get it	<i>remarks - general:</i>	
	GP-07 2002-01-04	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	GP-14 2003-04-25	4 . 2 . 0		get it		

TS 45.004	Modulation					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-04 2001-06-18	4 . 0 . 0		get it	<i>remarks - general:</i>	
	GP-05 2001-06-29	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	GP-07 2002-01-04	4 . 2 . 0		get it		

TS 45.005	Radio transmission and reception					
Rel-4	<i>current version:</i> 4.13.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-01 2000-10-10	4 . 0 . 0		get it	<i>remarks - general:</i>	
	edito 2000-10-24	4 . 0 . 1		get it	<i>remarks - this release:</i>	
	GP-02 2000-11-24	4 . 1 . 0		get it		
	edito 2000-11-30	4 . 1 . 1		get it		
	GP-03 2001-02-15	4 . 2 . 0		get it		
	GP-04 2001-04-20	4 . 3 . 0		get it		
	GP-05 2001-06-29	4 . 4 . 0		get it		
	GP-06 2001-10-01	4 . 5 . 0		get it		
	GP-07 2002-01-04	4 . 6 . 0		get it		
	GP-09 2002-05-06	4 . 7 . 0		get it		
	GP-10 2002-07-19	4 . 8 . 0		get it		
	GP-11 2002-09-19	4 . 9 . 0		get it		
	GP-13 2003-02-21	4 . 10 . 0		get it		
	GP-14 2003-04-25	4 . 11 . 0		get it		
	GP-15 2003-07-11	4 . 12 . 0		get it		
	GP-16 2003-09-12	4 . 13 . 0		get it		

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TS 45.008 Radio subsystem link control

Rel-4 *current version:* 4.13.0

freeze_meeting: SP-11

history (event, available, version,

GP-01	2000-09-01	4	.	0	.	0
GP-02	2000-11-24	4	.	1	.	0
edito	2000-11-30	4	.	1	.	1
GP-03	2001-02-15	4	.	2	.	0
GP-04	2001-04-20	4	.	3	.	0
GP-05	2001-06-29	4	.	4	.	0
GP-06	2001-10-01	4	.	5	.	0
GP-07	2002-01-04	4	.	6	.	0
GP-08	2002-02-18	4	.	7	.	0
GP-09	2002-05-06	4	.	8	.	0
GP-10	2002-07-19	4	.	9	.	0
GP-14	2003-04-25	4	.	10	.	0
GP-15	2003-07-11	4	.	11	.	0
GP-16	2003-09-12	4	.	12	.	0
GP-17	2003-12-05	4	.	13	.	0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

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

VODAFONE Group Plc

[get it](#) *remarks - general:*
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TS 45.009 Link adaptation

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

history (event, available, version,

GP-02	2001-02-06	4	.	0	.	0
GP-06	2001-10-01	4	.	1	.	0
GP-07	2002-01-04	4	.	2	.	0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels

G: yes U: *MCC:* Peter Skov
USAI, Paolino

MOTOROLA A/S

[get it](#) *remarks - general:*
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TS 45.010	Radio subsystem synchronization					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 2001-04-20 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-07 2002-01-04 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-08 2002-02-19 4 . 2 . 0	get it				
	GP-10 2002-07-19 4 . 3 . 0	get it				
	GP-13 2003-02-21 4 . 4 . 0	get it				
	GP-16 2003-09-12 4 . 5 . 0	get it				

TR 45.022	Radio link management in hierarchical networks					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

TR 45.050	Background for RF Requirements					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
	make figures 2001-08-01 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	legible					

TS 45.056	CTS-FP Radio Sub-system					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA 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 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

Rel-4 46 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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TS 46.001	Full Rate Speech Processing Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-10-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.002	Half Rate Speech Processing Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>

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TS 46.010	Full-rate speech transcoding					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
	SP-11 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 2001-06-29 4 . 1 . 0	get it	<i>remarks - this release:</i>			
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 2001-04-10 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 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 2001-06-29 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 2001-04-10 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 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>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 2001-04-10 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 46.032	Voice Activity Detection (VAD)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 46.051	GSM Enhanced full rate speech processing functions: General description					
Rel-4	<i>current version:</i> 4.0.0	<i>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 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
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 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
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 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
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 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
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 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>

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TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels								
Rel-4	<i>current version:</i> 4.0.0	<i>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 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TR 46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i>			
fix invisible 2002-01-10 4 . 0 . 1					get it	<i>remarks - this release:</i>			
<hr/>									
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
<i>history (event, available, version,</i>	SP-11 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			

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

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TR 46.085 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

Rel-4 **48** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.001 General Aspects on the BSS-MSC Interface
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
GP-05 2001-06-18 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 2002-01-08 4 . 2 . 0 [get it](#)
Rel-5 CR undone. Effectively reverts to 4.0.0

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface								
Rel-4	<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						
		G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 2001-05-04 4 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification								
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04		Peter Skov						
		G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	08.08 to 3G 2000-08-11 4 . 0 . 0	get it	<i>remarks - general:</i>						
	GP-01 2000-10-11 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	edito 2000-10-24 4 . 1 . 1	get it							
	GP-02 2001-01-11 4 . 2 . 0	get it							
	GP-03 2001-01-31 4 . 3 . 0	get it							
	GP-04 2001-05-04 4 . 4 . 0	get it							
	GP-06 2001-09-14 4 . 5 . 0	get it							
	GP-07 2002-01-08 4 . 6 . 0	get it							
	GP-08 2002-02-19 4 . 7 . 0	get it							
	GP-10 2002-07-19 4 . 8 . 0	get it							
	GP-15 2003-07-10 4 . 9 . 0	get it							
	GP-16 2003-09-12 4 . 10 . 0	get it							
<hr/>									
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						
		G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 2001-05-04 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 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-02 2000-11-17			get it	<i>remarks - general:</i>	
	GP-04 2001-05-04			get it	<i>remarks - this release:</i>	
	edito 2001-06-07			get it		
	GP-06 2001-09-14			get it		
	GP-15 2003-07-10			get it		

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA	
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-02 2000-11-17			get it	<i>remarks - general:</i>	
	GP-03 2001-01-31			get it	<i>remarks - this release:</i>	
	GP-04 2001-05-04			get it		
	GP-05 2001-06-18			get it		
	edito 2001-06-29			get it		
	GP-06 2001-09-10			get it		
	GP-09 2002-05-06			get it		
	GP-18 2004-02-23			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	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-11 2001-04-06			get it	<i>remarks - general:</i>	
	NP-17 2002-09-19			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		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-04 2001-05-04			get it	<i>remarks - general:</i>	
	GP-05 2001-06-18			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 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 2001-05-04 4 . 0 . 0 GP-07 2002-01-08 4 . 1 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>	
TS 48.052	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 2001-05-04 4 . 0 . 0 edito 2001-05-15 4 . 0 . 1	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>	
TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 2001-05-04 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		get it <i>remarks - general:</i> <i>remarks - this release:</i>	
TS 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 2001-05-04 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		get it <i>remarks - general:</i> <i>remarks - this release:</i>	
TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 2001-05-04 4 . 0 . 0 GP-08 2002-02-19 4 . 1 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>	

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels
Rel-4 *current version:* 4.1.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
edito 2001-05-28 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-08 2002-02-19 4 . 1 . 0 [get it](#)

TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels
Rel-4 *current version:* 4.1.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
GP-08 2002-02-19 4 . 1 . 0 [get it](#) *remarks - this release:*
editorial pody 2002-03-20 4 . 1 . 1 [get it](#)
GP-08
Cover sheet still shows version 4.0.0 and wrong date.

TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification
Rel-4 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
GP-06 2001-09-14 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 2002-01-08 4 . 2 . 0 [get it](#)
GP-08 2002-02-19 4 . 3 . 0 [get it](#)
GP-15 2003-07-10 4 . 4 . 1 [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 2001-04-04 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 2002-06-25 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 2001-04-11 4 . 0 . 0 [get it](#) *remarks - general:*
draft 2002-06-17 4 . 0 . 1 [get it](#) *remarks - this release:*
NP-19 2003-03-24 4 . 1 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* PETER SKOV, Gert
history (event, available, version,
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
edito 2001-10-03 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-06 2001-09-14 4 . 1 . 0 [get it](#)
edito 2001-10-03 4 . 1 . 1 [get it](#)
GP-07 2002-01-08 4 . 2 . 0 [get it](#)
GP-10 2002-07-19 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 2001-04-11 4 . 0 . 0 [get it](#) *remarks - general:*
edito 2001-10-01 4 . 0 . 1 [get it](#) *remarks - this release:*

Rel-4 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
conversion from 2000-08-01 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 2000-10-24 4 . 0 . 2 [get it](#)
GP-02 2000-12-01 4 . 1 . 0 [get it](#)
edito to correct 2000-12-01 4 . 1 . 1 [get it](#)
Release
edito 2001-01-17 4 . 1 . 2 [get it](#)
GP-03 2001-01-22 4 . 2 . 0 [get it](#)
GP-04 2001-04-11 4 . 3 . 0 [get it](#)
GP-05 2001-06-05 4 . 4 . 0 [get it](#)
GP-06 2001-08-31 4 . 5 . 0 [get it](#)
GP-07 2002-01-09 4 . 6 . 0 [get it](#)
GP-08 2002-02-26 4 . 7 . 0 [get it](#)
GP-09 2002-05-03 4 . 8 . 0 [get it](#)
GP-10 2002-07-19 4 . 9 . 0 [get it](#)
GP-11 2002-09-20 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):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

GP-02		1	.	0	.	0
GP-04	2001-04-11	4	.	0	.	0
GP-05	2001-06-05	4	.	1	.	0
GP-06	2001-08-31	4	.	2	.	0
GP-07	2002-01-09	4	.	3	.	0
GP-07 minor	2002-01-18	4	.	3	.	1
editorial						
GP-08	2002-02-26	4	.	4	.	0
GP-09	2002-04-29	4	.	5	.	0
GP-10	2002-07-03	4	.	6	.	0
GP-11	2002-09-19	4	.	7	.	0

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

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.9.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

GP-01	2000-09-06	4	.	0	.	0
edito	2000-10-24	4	.	0	.	1
GP-02	2000-11-30	4	.	1	.	0
GP-05	2001-06-28	4	.	2	.	0
GP-06	2001-09-14	4	.	3	.	0
GP-07	2002-01-21	4	.	4	.	0
GP-08	2002-02-19	4	.	5	.	0
GP-09	2002-04-29	4	.	6	.	0
GP-10	2002-07-19	4	.	7	.	0
GP-14	2003-04-29	4	.	8	.	0
GP-18		4	.	9	.	0

late availability due to extra-MCC

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remarks - general: 2001-11-19: G4->G5.
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 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-4 *current version:* 0.0.1 DRAFT *WG (prime / other):* T3 / G3ne *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14
W
G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version,
 TP-14 2002-01-02 0 . 0 . 1 TP-010250; TP17: the previous doc [get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because
 turned out to be a sort of draft CR for *remarks - this release:* TP-17: Withdrawn, because doc was in fact R99, not Rel-4. 2003-07-15: Dietze doc was
 in fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4
 R99 (11.10-4). 2003-07-15: Dietze indicates that Rel-4 will eventually be produced, so this Release reinstated (though
 appears!). 2003-07-15: Unwithdrawn - see comments against Rel-4. existing so-called draft v0.0.1 is still scrapped).
 indicates that a Rel-4 will be required, so this Release reinstated, but this version 0.0.1 remains scrapped.

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-4 *current version:* 4.11.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-11
G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version,
 TP-11 2001-04-09 4 . 0 . 0 [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".
 TP-12 2001-07-06 4 . 1 . 0 [get it](#) *remarks - this release:* TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version,
 since by then all terminals will handle a common USIM. But the question still seems
 TP-13 2001-10-11 4 . 2 . 0 [get it](#) to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version
 TP-14 2002-01-17 4 . 3 . 0 [get it](#)
 TP-16 2002-06-25 4 . 4 . 0 [get it](#)
 TP-17 2002-09-18 4 . 5 . 0 [get it](#)
 TP-18 2003-01-02 4 . 6 . 0 [get it](#)
 TP-19 2003-04-04 4 . 7 . 0 [get it](#)
 TP-20 2003-06-23 4 . 8 . 0 [get it](#)
 TP-21 2003-09-29 4 . 9 . 0 [get it](#)
 TP-22 2004-01-12 4 . 10 . 0 [get it](#)
 TP-23 4 . 11 . 0

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 2002-01-23 4 . 0 . 0

WG (prime / other): G1 / - *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 2002-05-06 4 . 0 . 0

WG (prime / other): G1 / S5 *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* Peter Skov
USAI, Paolino

MOTOROLA A/S

[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 2001-10-05 4 . 0 . 0 formerly 32.402
SP-16 2002-06-20 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

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

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Server ACTIVE specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R99	<i>current version:</i> 8.12.0			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	1999-08-01	0 . 0 . 0			get it	<i>remarks - general:</i> post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
	draft	1999-08-01	0 . 0 . 1			get it	<i>remarks - this release:</i> backwards extension to earlier releases.
	mods to draft	1999-09-01	0 . 0 . 2			get it	
	more mods	1999-09-07	0 . 0 . 3			get it	
	WOME cmts	1999-09-15	0 . 1 . 0			get it	
	included						
	Becomes T2/smg4 responsibility	1999-09-21	0 . 2 . 0			get it	
	editorials	1999-10-01	0 . 3 . 0			get it	
	draft	2000-08-04	0 . 3 . 0			get it	
	align with 21.101	1999-10-07	0 . 4 . 0			get it	
	smg-30	1999-11-11	1 . 0 . 0			get it	
	align with 21.101	1999-11-30	1 . 1 . 0	Alignment with 21.101: 1.1.0.		get it	
	smg-31b		2 . 0 . 0				
	smg-32	2000-06-20	8 . 0 . 0			get it	
	SP-10	2001-01-04	8 . 1 . 0			get it	
	SP-12	2001-07-05	8 . 2 . 0			get it	
	SP-13	2001-10-01	8 . 3 . 0			get it	
	SP-14	2002-01-03	8 . 4 . 0			get it	
	SP-15	2002-03-27	8 . 5 . 0			get it	
	SP-16	2002-06-19	8 . 6 . 0			get it	
	SP-17	2002-09-18	8 . 7 . 0			get it	
	SP-18	2003-01-03	8 . 8 . 0			get it	
	SP-19	2003-03-27	8 . 9 . 0			get it	
	SP-20	2003-06-25	8 . 10 . 0			get it	
	SP-21	2003-09-26	8 . 11 . 0			get it	
	editorial	2003-09-30	8 . 11 . 1			get it	
	SP-23		8 . 12 . 0				

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

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Server ACTIVE specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04	Abbreviations and acronyms					
R99	current version: 8.0.0	WG (prime / other): GP / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, upgrade to R99 2000-05-10 8 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
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 2000-06-30 8 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
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 2000-06-30 8 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
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 2000-06-30 8 . 0 . 0				get it	remarks - general: remarks - this release: .

R99

02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R99	current version: 8.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	JURISIC, Andrijana	
	history (event, available, version,					
	Upgrade to R99 2000-05-17			remarks - general:	SMG9->T3@#31	
				remarks - this release:	.	
				get it		
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 2000-11-16			remarks - general:	SMG11->S4 at SMG#30	
	ETSI publication 2001-07-20			remarks - this release:	Nov-00: Created to fill the gap.	
				get it		
				get it		
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:	POIRAUD, Patrick	ALCATEL S.A.
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	Upgrade to R99 2000-05-01			remarks - general:		
	ETSI publication 2000-10-17			remarks - this release:	.	
				get it		
				get it		
TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R99	current version: 8.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-31 2000-11-30			remarks - general:		
	SP-10 2001-01-12			remarks - this release:		
				get it		
				get it		
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R99	current version: 8.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	Upgrade to R99 2000-05-10			remarks - general:		
	ETSI publication 2000-10-17			remarks - this release:	. TSG#10:8.1.0	
	SP-10 2001-01-12			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 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.76 Noise Suppression for the AMR
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-29 2 . 0 . 0 *remarks - general:*
SP-07 2000-03-17 8 . 0 . 0 *remarks - this release:*
ETSI publication 2002-07-30 8 . 0 . 1 ETSI publication only - 3GPP use 8.0.0 [get it](#)
(not for 3GPP [get it](#)
server)

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 2000-03-17 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 2000-06-30 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 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
NP-06 1999-12-17 8 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 2000-10-18 8 . 2 . 0 [get it](#)
NP-10 2000-12-21 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 2000-03-29 8 . 0 . 0

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

TELECOM ITALIA S.p.A.

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

TS 03.19 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card

R99 *current version:* 8.5.0
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 2001-07-27 8 . 0 . 0
TP-11 2001-07-27 8 . 1 . 0
TP-12 2001-07-27 8 . 2 . 0
TP-14 2002-01-17 8 . 3 . 0
TP-16 2002-06-19 8 . 4 . 0
editorial post 2002-08-14 8 . 4 . 1
TP-16
TP-17 2002-09-27 8 . 5 . 0

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian
G: yes U: *MCC:* JURISIC, Andrijana

Axalto, Schlumberger Systèmes S.A.

[get it](#) *remarks - general:* SMG9->T3@#31
[get it](#) *remarks - this release:*
[get it](#)
[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 1999-11-24 8 . 0 . 0
smg-32 2000-06-20 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 1999-06-30			get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and
	smg-30 1999-11-11			get it	remarks - this release:	group receive mode".
	smg-30b 1999-12-06			get it		
	smg-31 2000-02-16			get it		
	GP-03 2001-02-15			get it		
	GP-05 2001-06-29			get it		
	GP-10 2002-07-19			get it		
	GP-11 2002-09-19			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 2000-03-29			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 1999-06-30			get it	remarks - general:	
	smg-30 1999-11-11			get it	remarks - this release:	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0
	smg-30b 1999-12-06			get it		
	smg-31 2000-02-16			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 2000-06-30			get it	remarks - general:	
	SP-10 2000-12-21			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 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 2001-10-30 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 1999-12-17 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:* JURISIC, Andrijana
history (event, available, version,
smg-29 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
smg-30 1999-11-11 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-31 2000-02-16 8 . 2 . 0 [get it](#)
TP-08 2000-06-28 8 . 3 . 0 [get it](#)
TP-09 2000-10-18 8 . 4 . 0 [get it](#)
TP-11 2001-04-09 8 . 5 . 0 [get it](#)
TP-12 2001-07-06 8 . 6 . 0 [get it](#)
TP-13 2001-10-12 8 . 7 . 0 [get it](#)
TP-14 2002-01-17 8 . 8 . 0 [get it](#)

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R99 *current version:* 8.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
Upgrade to R99 2000-03-29 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 2000-09-22 8 . 0 . 1 [get it](#) *remarks - this release:* #32:8.1.0
smg-32 2000-06-20 8 . 1 . 0 [get it](#)
ETSI publication 2000-11-29 8 . 1 . 1 [get it](#)

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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 2000-03-29	8 . 0 . 0		get it	remarks - general:				
	ETSI publication 2000-09-29	8 . 0 . 1		get it	remarks - this release:				
<hr/>									
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2								
R99	current version: 8.0.0	WG (prime / other):	S4 / NP / S2	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	Upgrade to R99 2000-03-30	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: 8.1.1	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	GP-02 2001-01-05	8 . 0 . 0		get it	remarks - general: 2003-10-09: Converted from TR to TS.				
	GP-16 2003-09-12	8 . 1 . 0		get it	remarks - this release: GERAN#2: 8.0.0				
	Conversion to TS 2003-10-10	8 . 1 . 1	Illogical to be a TR, and 43.055 is a TS!	get it					
	(was TR)								
<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 2000-03-30	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:* 8.11.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
smg-32	2000-06-20	8	.	5	.	0
GP-01	2000-10-09	8	.	6	.	0
GP-03	2001-02-15	8	.	7	.	0
GP-04	2001-04-20	8	.	8	.	0
GP-07	2002-01-04	8	.	9	.	0
GP-08	2002-02-19	8	.	10	.	0
GP-14	2003-04-25	8	.	11	.	0

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

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 *current version:* 8.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-31	2000-02-16	8	.	0	.	0
NP-07	2000-03-17	8	.	1	.	0
smg-32	2000-06-20	8	.	2	.	0
NP-21	2003-10-10	8	.	3	.	0

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

TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 *current version:* 8.3.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-31	2000-02-16	8	.	0	.	0
NP-07	2000-03-17	8	.	1	.	0
smg-32	2000-06-20	8	.	2	.	0
NP-21	2003-10-13	8	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
[get it](#)
[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:* 8.8.0 *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-06 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,
Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
SP-11 2001-04-11 8 . 1 . 0 [get it](#) *remarks - this release:* Need identified at TSG#7, since 23.171 does not cover GSM.
SP-12 2001-06-29 8 . 2 . 0 [get it](#)
SP-13 2001-10-15 8 . 3 . 0 [get it](#)
SP-14 2002-01-07 8 . 4 . 0 [get it](#)
SP-15 2002-04-02 8 . 5 . 0 [get it](#)
SP-16 2002-06-17 8 . 6 . 0 [get it](#)
SP-17 2002-09-24 8 . 7 . 0 [get it](#)
SP-23 8 . 8 . 0

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
SP-16 2002-06-24 8 . 0 . 0 technically identical to 23.073 v3.0.1 [get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.
remarks - this release: SP-16: 23.073 reverts to GERAN-only.

R99

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 *current version:* 8.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
JORGENSEN, Per Johan

history (event, available, version,
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #31: 8.0.0

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities						
R99	current version: 8.0.2	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 1999-11-11	8	. 0				get it remarks - general:
	ETSI publication 2001-09-07	8	. 0				get it remarks - this release:
	edito 2002-06-17	8	. 0				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 1999-11-11	8	. 0				get it remarks - general:
	smg-30b 1999-12-06	8	. 1				get it remarks - this release:
	ETSI publication 2001-09-07	8	. 1				get it
	edito 2002-06-17	8	. 1				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 2000-03-30	8	. 0				get it remarks - general:
	ETSI publication 2000-09-22	8	. 0				get it remarks - this release: .
	edito 2002-06-17	8	. 0				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 2000-03-30	8	. 0				get it remarks - general:
	ETSI publication 2000-09-29	8	. 0				get it remarks - this release:
	GP-03 2001-01-31	8	. 1				get it
	edito 2001-01-31	8	. 1				get it
	GP-08 2002-02-19	8	. 2				get it
	edito 2002-06-17	8	. 2				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								
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 2000-06-30 8 . 0 . 0			get it	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert			
					remarks - this release:	#29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 Thomassen (even numbered CRs!) R99 reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!			
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface								
R99	current version: 8.0.0	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes U:		MCC:	Peter Skov THOMASEN, Gert				
	history (event, available, version, GP-04 2001-04-24 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 2000-02-16 8 . 0 . 0			get it	remarks - general:				
	ETSI publication 2000-08-29 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: 8.5.0	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 2000-03-30 8 . 0 . 0			get it	remarks - general:				
	smg-32 2000-06-20 8 . 1 . 0			get it	remarks - this release:				
	GP-04 2001-04-24 8 . 2 . 0			get it					
	GP-05 2001-06-18 8 . 3 . 0			get it					
	GP-10 2002-07-19 8 . 4 . 0			get it					
	GP-15 2003-07-10 8 . 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 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99	<i>current version:</i> 8.21.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert	
<i>history (event, available, version,</i>					
smg-29	1999-06-30	8 . 0 . 0	get it	<i>remarks - general:</i>	
smg-30	1999-11-11	8 . 1 . 0	get it	<i>remarks - this release:</i>	
smg-30b	1999-12-06	8 . 2 . 0	get it		
smg-31	2000-02-16	8 . 3 . 0	get it		
ETSI publication	2000-10-05	8 . 3 . 1	get it		
smg-31b	2000-04-17	8 . 4 . 0	get it		
ETSI publication	2000-10-17	8 . 4 . 1	get it		
smg-32	2000-06-20	8 . 5 . 0	get it		
GP-01	2000-10-11	8 . 6 . 0	get it		
GP-02	2000-12-21	8 . 7 . 0	get it		
GP-03	2001-01-31	8 . 8 . 0	get it		
GP-04	2001-05-04	8 . 9 . 0	get it		
GP-05	2001-06-18	8 . 10 . 0	get it		
GP-06	2001-09-10	8 . 11 . 0	get it		
GP-07	2002-01-08	8 . 12 . 0	get it		
GP-08	2002-02-19	8 . 13 . 0	get it		
GP-09	2002-05-02	8 . 14 . 0	get it		
GP-10	2002-07-19	8 . 15 . 0	get it		
GP-11	2002-09-16	8 . 16 . 0	get it		
GP-12	2002-12-17	8 . 17 . 0	get it		
GP-13	2003-02-21	8 . 18 . 0	get it		
GP-15	2003-07-10	8 . 19 . 0	get it		
GP-17	2003-12-05	8 . 20 . 0	get it		
GP-18	2004-02-23	8 . 21 . 0	get it		

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99	<i>current version:</i> 8.3.0		<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	1999-06-30	8 . 0 . 0	get it	<i>remarks - general:</i>	
NP-08	2000-06-28	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	2000-10-18	8 . 2 . 0	get it		
NP-10	2000-12-21	8 . 3 . 0	get it		

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
R99	<i>current version:</i> 8.12.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	Upgrade to R99	2000-03-30	8 . 0 . 0		get it		<i>remarks - general:</i>		
	smg-31b	2000-04-17	8 . 1 . 0		get it		<i>remarks - this release:</i>		
	GP-02	2000-11-30	8 . 2 . 0		get it				
	GP-03	2001-01-31	8 . 3 . 0		get it				
	GP-04	2001-05-04	8 . 4 . 0		get it				
	GP-05	2001-06-18	8 . 5 . 0		get it				
	GP-06	2001-09-14	8 . 6 . 0		get it				
	GP-07	2002-01-08	8 . 7 . 0		get it				
	GP-08	2002-02-19	8 . 8 . 0		get it				
	GP-09	2002-05-02	8 . 9 . 0		get it				
	GP-10	2002-07-19	8 . 10 . 0		get it				
	GP-16	2003-09-12	8 . 11 . 0		get it				
	GP-18	2004-02-23	8 . 12 . 0		get it				

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods								
R99	<i>current version:</i> 8.4.1			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	Upgrade to R99	2000-03-30	8 . 0 . 0		get it		<i>remarks - general:</i>		
	smg-31b	2000-04-17	8 . 1 . 0		get it		<i>remarks - this release:</i>		
	GP-01	2000-10-11	8 . 2 . 0		get it				
	GP-03	2001-01-31	8 . 3 . 0		get it				
	GP-07	2002-01-08	8 . 4 . 0		get it				
	edito	2002-06-17	8 . 4 . 1		get it				

TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification								
R99	<i>current version:</i> 8.0.1			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-31	2000-02-16	8 . 0 . 0		get it		<i>remarks - general:</i>		
	ETSI publication	2000-08-29	8 . 0 . 1		get it		<i>remarks - this release:</i> #31: 8.0.0		

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

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Server ACTIVE specs R99 04 .- series
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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 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 2000-08-29 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:* 8.22.0 *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 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 1999-11-11 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30b 1999-12-06 8 . 2 . 0 [get it](#)
smg-31 2000-02-16 8 . 3 . 0 [get it](#)
ETSI publication 2000-10-05 8 . 3 . 1 [get it](#)
smg-31b 2000-04-17 8 . 4 . 0 [get it](#)
ETSI publication 2000-10-17 8 . 4 . 1 [get it](#)
smg-32 2000-06-20 8 . 5 . 0 [get it](#)
GP-01 2000-10-11 8 . 6 . 0 [get it](#)
GP-02 2000-11-27 8 . 7 . 0 [get it](#)
GP-03 2001-01-31 8 . 8 . 0 [get it](#)
GP-04 2001-05-04 8 . 9 . 0 [get it](#)
GP-05 2001-06-29 8 . 10 . 0 [get it](#)
GP-06 2001-09-14 8 . 11 . 0 [get it](#)
GP-07 2002-01-07 8 . 12 . 0 [get it](#)
edito 2002-01-08 8 . 12 . 1 [get it](#)
GP-08 2002-02-19 8 . 13 . 0 [get it](#)
GP-09 2002-05-03 8 . 14 . 0 [get it](#)
edito post GP-09 2002-05-28 8 . 14 . 1 [get it](#)
GP-10 2002-07-19 8 . 15 . 0 [get it](#)
GP-11 2002-09-16 8 . 16 . 0 [get it](#)
GP-12 2002-12-17 8 . 17 . 0 [get it](#)
GP-14 2003-04-25 8 . 18 . 0 [get it](#)
GP-15 2003-07-10 8 . 19 . 0 [get it](#)
GP-16 2003-09-13 8 . 20 . 0 [get it](#)
GP-17 2003-12-05 8 . 21 . 0 [get it](#)
GP-18 2004-02-23 8 . 22 . 0 [get it](#)

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
R99	<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 1999-06-30	8 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-30 1999-11-11	8 . 1 . 0	get it	<i>remarks - this release:</i>	
	Post SP-06 1999-12-17	8 . 2 . 0	get it		
	smg-31 2000-02-16	8 . 3 . 0	get it		
	NP-08 2000-06-22	8 . 4 . 0	get it		
	NP-09 2000-10-12	8 . 5 . 0	get it		
	NP-10 2001-01-02	8 . 6 . 0	get it		
	NP-14 2002-01-04	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 2000-02-16	8 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-09 2000-10-12	8 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-13 2001-10-02	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 2000-02-16	8 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-07 2000-03-17	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 2000-02-16	8 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-07 2000-03-17	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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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99 *current version:* 8.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06

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

history (event, available, version,

Upgrade to R99	2000-06-30	8	.	0	.	0
smg-31	2000-03-20	8	.	1	.	0
GP-05	2001-06-18	8	.	2	.	0
GP-07	2002-01-08	8	.	3	.	0
edito	2002-06-17	8	.	3	.	1
GP-10	2002-07-19	8	.	4	.	0

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remarks - general: Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.

remarks - this release:

R99

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R99 *current version:* 8.8.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-06

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

history (event, available, version,

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-32	2000-06-20	8	.	4	.	0
GP-01	2000-10-09	8	.	5	.	0
GP-07	2002-01-04	8	.	6	.	0
GP-14	2003-04-25	8	.	7	.	0
GP-17	2003-12-05	8	.	8	.	0

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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 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: 8.11.0

freeze_meeting: SP-06

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	1999-06-30	8	.	0	.	1
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
ETSI publication	2000-10-24	8	.	4	.	1
smg-32	2000-06-20	8	.	5	.	0
ETSI publication	2003-08-22	8	.	5	.	1
GP-01	2000-10-09	8	.	6	.	0
GP-02	2000-11-24	8	.	7	.	0
GP-03	2001-02-15	8	.	8	.	0
GP-04	2001-04-20	8	.	9	.	0
GP-06	2001-10-01	8	.	10	.	0
GP-15	2003-07-11	8	.	11	.	0

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

TS 05.03 Channel coding

R99 current version: 8.7.0

freeze_meeting: SP-06

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
ETSI publication	2000-10-17	8	.	4	.	1
smg-32	2000-06-20	8	.	5	.	0
ETSI publication	2003-08-22	8	.	5	.	1
GP-02	2000-11-24	8	.	6	.	0
edito	2001-02-15	8	.	6	.	1
GP-14	2003-04-25	8	.	7	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation

R99 current version: 8.4.0

freeze_meeting: SP-06

history (event, available, version,

smg-28 1999-02-12 8 . 0 . 0

smg-30b 1999-12-06 8 . 1 . 0

edito 2000-12-02 8 . 1 . 1

ETSI publication 2001-02-21 8 . 1 . 2

GP-03 2001-02-15 8 . 2 . 0

GP-05 2001-06-29 8 . 3 . 0

GP-07 2002-01-04 8 . 4 . 0

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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

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

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[get it](#)

TS 05.05 Radio Transmission and Reception

R99 current version: 8.16.0

freeze_meeting: SP-06

history (event, available, version,

smg-29 1999-06-30 8 . 0 . 0

smg-30 1999-11-11 8 . 1 . 0

smg-30b 1999-12-06 8 . 2 . 0

smg-31 2000-02-16 8 . 3 . 0

ETSI publication 2000-09-29 8 . 3 . 1

smg-31b 2000-04-17 8 . 4 . 0

ETSI publication 2003-08-22 8 . 4 . 1

smg-32 2000-06-20 8 . 5 . 0

ETSI publication 2003-08-22 8 . 5 . 1

GP-01 2000-10-10 8 . 6 . 0

GP-02 2000-11-24 8 . 7 . 0

edito 2000-11-30 8 . 7 . 1

GP-03 2001-02-15 8 . 8 . 0

GP-04 2001-04-20 8 . 9 . 0

GP-05 2001-06-29 8 . 10 . 0

GP-06 2001-10-01 8 . 11 . 0

GP-09 2002-05-06 8 . 12 . 0

GP-10 2002-07-19 8 . 13 . 0

GP-11 2002-09-19 8 . 14 . 0

GP-14 2003-04-25 8 . 15 . 0

GP-16 2003-09-12 8 . 16 . 0

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

G: yes U: MCC: USAI, Paolino

Telefon AB LM Ericsson

[get it](#) remarks - general:

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R99 current version: 8.19.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
smg-32	2000-06-20	8	.	5	.	0
GP-01	2000-10-10	8	.	6	.	0
GP-02	2000-11-24	8	.	7	.	0
edito	2000-11-30	8	.	7	.	1
GP-03	2001-02-15	8	.	8	.	0
GP-04	2001-04-20	8	.	9	.	0
GP-05	2001-06-29	8	.	10	.	0
GP-06	2001-10-01	8	.	11	.	0
GP-07	2002-01-04	8	.	12	.	0
GP-08	2002-02-19	8	.	13	.	0
GP-09	2002-05-06	8	.	14	.	0
GP-10	2002-07-19	8	.	15	.	0
GP-14	2003-04-25	8	.	16	.	0
GP-15	2003-07-11	8	.	17	.	0
GP-16	2003-09-12	8	.	18	.	0
GP-17	2003-12-05	8	.	19	.	0

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

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TS 05.09 Link adaptation

R99 current version: 8.5.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

MOTOROLA A/S

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-31	2000-02-16	8	.	0	.	0
ETSI publication	2000-10-05	8	.	0	.	1
smg-32	2000-06-20	8	.	1	.	0
GP-02	2000-11-24	8	.	2	.	0
GP-03	2001-01-15	8	.	3	.	0
GP-06	2001-10-01	8	.	4	.	0
GP-07	2002-01-04	8	.	5	.	0

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10 Radio subsystem synchronization

R99 current version: 8.12.0

freeze_meeting: SP-06

history (event, available, version,

smg-30 1999-11-11 8 . 0 . 0

smg-30b 1999-12-06 8 . 1 . 0

smg-31 1999-02-16 8 . 2 . 0

ETSI publication 2000-09-29 8 . 2 . 1

smg-31b 2000-04-17 8 . 3 . 0

smg-32 2000-06-20 8 . 4 . 0

GP-01 2000-10-10 8 . 5 . 0

GP-02 2000-11-24 8 . 6 . 0

edito 2000-11-30 8 . 6 . 1

GP-03 2001-02-15 8 . 7 . 0

GP-04 2001-04-20 8 . 8 . 0

GP-08 2002-02-19 8 . 9 . 0

GP-10 2002-07-19 8 . 10 . 0

GP-13 2003-02-21 8 . 11 . 0

GP-16 2003-09-12 8 . 12 . 0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:

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

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TR 05.22 Radio link management in hierarchical networks

R99 current version: 8.0.0

freeze_meeting: SP-06

history (event, available, version,

Upgrade to R99 2000-03-30 8 . 0 . 0

WG (prime / other): G1 / - rapporteur: VAN BUSSEL, Han

G: yes U: MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:

remarks - this release: .

TR 05.50 Background for RF Requirements

R99 current version: 8.2.0

freeze_meeting: SP-06

history (event, available, version,

smg-30 1999-11-11 8 . 0 . 0

smg-31 2000-02-16 8 . 1 . 0

smg-31b 2000-04-17 8 . 2 . 0

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

G: yes U: MCC: USAI, Paolino

MOTOROLA A/S

[get it](#) remarks - general:

[get it](#) remarks - this release: #30: 8.0.0 #31:8.1.0 #31b:8.2.0

[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 S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-10-17 8 . 0 . 1 [get it](#) *remarks - this release:* .

R99 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-11-15 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 2000-02-16 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 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-11-15 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 2000-02-16						get it	remarks - general:	
	ETSI Publication 2000-11-15						get it	remarks - this release:	.
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 2000-02-16						get it	remarks - general:	
								remarks - this release:	.
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 2000-02-16						get it	remarks - general:	
	Editorial 2000-05-31						get it	remarks - this release:	
	smg-32 2000-06-20						get it		
	ETSI Publication 2000-11-30						get it		
	SP-12 2001-06-29						get it		
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 2000-02-16						get it	remarks - general:	
	ETSI Publication 2000-11-15						get it	remarks - this release:	.
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 2000-02-16						get it	remarks - general:	
	ETSI Publication 2000-11-15						get it	remarks - this release:	.
	SP-12 2001-06-29						get it		

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.20	Half Rate Speech Transcoding								
R99	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 2000-02-16		8 . 0 . 0	get it	remarks - general:				
	ETSI Publication 2000-11-15		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 2000-02-16		8 . 0 . 0	get it	remarks - general:				
	ETSI publicatoin 2000-11-15		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 2000-02-16		8 . 0 . 0	get it	remarks - general:				
	ETSI Publication 2000-11-15		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 S.p.A.			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 2000-02-16		8 . 0 . 0	get it	remarks - general:				
	ETSI Publication 2000-11-15		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 2000-02-16		8 . 0 . 0	get it	remarks - general:				
	ETSI Publication 2000-11-15		8 . 0 . 1	get it	remarks - this release: .				

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 2000-02-16 8 . 0 . 0						get it	remarks - general:	
	ETSI Publication 2000-11-15 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 2000-02-16 8 . 0 . 0						get it	remarks - general:	
	ETSI Publication 2000-11-15 8 . 0 . 1						get it	remarks - this release: .	
<hr/>									
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 2000-02-16 8 . 0 . 0						get it	remarks - general:	
	ETSI publication 2000-11-15 8 . 0 . 1						get it	remarks - this release: #32:8.1.0 TSG#10:8.2.0	
	smg-32 2000-06-20 8 . 1 . 0						get it		
	ETSI publication 2000-11-30 8 . 1 . 1						get it		
	SP-10 2000-12-20 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 2000-02-16 8 . 0 . 0						get it	remarks - general:	
	ETSI Publication 2000-11-15 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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 2000-11-15 8 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-32 2000-06-20 8 . 1 . 0	get it				
	SP-10 2000-12-20 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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 2000-11-15 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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 2000-11-15 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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 2000-11-15 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 S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	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 2000-03-17	8 . 0 . 0			<i>remarks - this release:</i>	
	fix invisible 2002-01-10	8 . 0 . 1			get it	
					get it	
<hr/>						
TS 06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-32 2000-06-20	8 . 0 . 0			<i>remarks - general:</i>	
	SP-11 2001-04-10	8 . 1 . 0			<i>remarks - this release:</i> #32:8.0.0 TSG#11:8.1.0	
	edito 2001-05-03	8 . 1 . 1			get it	
					get it	
					get it	
<hr/>						
TR 06.78	Results of the AMR noise suppression selection phase					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-32 2000-06-20	8 . 0 . 0			<i>remarks - general:</i>	
	Addition of VAF 2003-04-04	8 . 0 . 1			<i>remarks - this release:</i>	
	C-Code tool				get it	
					get it	
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16	8 . 0 . 0			<i>remarks - general:</i>	
	ETSI Publication 2000-11-15	8 . 0 . 1			<i>remarks - this release:</i> .	
					get it	
					get it	
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16	8 . 0 . 0			<i>remarks - general:</i>	
	ETSI Publication 2000-11-15	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 S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 2000-02-16 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 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
draft 2002-06-17 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 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-06-17 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 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-06-17 8 . 0 . 1 [get it](#) *remarks - this release:* .

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					Server	ACTIVE specs	R99	08	.- series
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface								
R99	<i>current version:</i> 8.0.1			<i>WG (prime / other):</i> G2 / -					
	<i>freeze_meeting:</i> SP-06			<i>rapporteur:</i> ANDERSEN, Niels					MOTOROLA A/S
				Peter Skov					
				<i>G: yes U:</i>					
	<i>history (event, available, version,</i>			<i>MCC:</i> THOMASEN, Gert					
	smg-31 2000-02-16	8 . 0 . 0	get it	<i>remarks - general:</i>					
	edito 2002-06-17	8 . 0 . 1	get it	<i>remarks - this release:</i> .					
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification								
R99	<i>current version:</i> 8.15.0			<i>WG (prime / other):</i> G2 / -					
	<i>freeze_meeting:</i> SP-06			<i>rapporteur:</i> ANDERSEN, Niels					MOTOROLA A/S
				Peter Skov					
				<i>G: yes U:</i>					
	<i>history (event, available, version,</i>			<i>MCC:</i> THOMASEN, Gert					
	smg-29 1999-06-30	8 . 0 . 0	get it	<i>remarks - general:</i>					
	smg-30 1999-11-11	8 . 1 . 0	get it	<i>remarks - this release:</i>					
	smg-30b 1999-12-06	8 . 2 . 0	get it						
	smg-31 2000-02-16	8 . 3 . 0	get it						
	smg-31b 2000-04-17	8 . 4 . 0	get it						
	Fix graphics 2000-05-16	8 . 4 . 1	get it						
	smg-32 2000-06-20	8 . 5 . 0	get it						
	GP-01 2000-10-11	8 . 6 . 0	get it						
	GP-02 2000-11-27	8 . 7 . 0	get it						
	GP-03 2001-01-31	8 . 8 . 0	get it						
	GP-04 2001-05-04	8 . 9 . 0	get it						
	GP-06 2001-09-14	8 . 10 . 0	get it						
	GP-07 2002-01-08	8 . 11 . 0	get it						
	GP-08 2002-02-19	8 . 12 . 0	get it						
	GP-10 2002-07-19	8 . 13 . 0	get it						
	GP-15 2003-07-10	8 . 14 . 0	get it						
	GP-16 2003-09-12	8 . 15 . 0	get it						
TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1								
R99	<i>current version:</i> 8.0.1			<i>WG (prime / other):</i> G2 / -					
	<i>freeze_meeting:</i> SP-06			<i>rapporteur:</i> ANDERSEN, Niels					MOTOROLA A/S
				Peter Skov					
				<i>G: yes U:</i>					
	<i>history (event, available, version,</i>			<i>MCC:</i> THOMASEN, Gert					
	smg-31 2000-02-16	8 . 0 . 0	get it	<i>remarks - general:</i>					
	edito 2002-06-17	8 . 0 . 1	get it	<i>remarks - this release:</i> .					

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TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service								
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06				Peter Skov				
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert				
	smg-31 2000-02-16						get it	remarks - general:	
	edito 2002-06-17						get it	remarks - this release:	.
	8 . 0 . 0								
	8 . 0 . 1								
TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
R99	current version: 8.11.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA			
	freeze_meeting: SP-06	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-30 1999-11-11						get it	remarks - general:	
	smg-30b 1999-12-06						get it	remarks - this release:	
	smg-31 2000-02-16						get it		
	smg-31b 2000-04-17						get it		
	GP-01 2000-10-11						get it		
	GP-02 2000-11-30						get it		
	edito 2001-01-23						get it		
	GP-03 2001-01-31						get it		
	GP-04 2001-05-04						get it		
	GP-05 2001-06-18						get it		
	GP-06 2001-10-05						get it		
	GP-09 2002-05-06						get it		
	GP-18 2004-02-23						get it		
	8 . 0 . 0								
	8 . 1 . 0								
	8 . 2 . 0								
	8 . 3 . 0								
	8 . 4 . 0								
	8 . 5 . 0								
	8 . 5 . 1								
	8 . 6 . 0								
	8 . 7 . 0								
	8 . 8 . 0								
	8 . 9 . 0								
	8 . 10 . 0								
	8 . 11 . 0								
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
R99	current version: 8.4.1	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: SP-06	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-29 1999-06-30						get it	remarks - general:	
	smg-30 1999-11-11						get it	remarks - this release:	
	NP-09 2000-10-18						get it		
	NP-10 2000-12-21						get it		
	NP-11 2001-04-04						get it		
	ETSI-format								
	publication	8 . 4 . 1				ETSI publication only - 3GPP to use			
						8.4.0			

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TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	Upgrade to R99 2000-05-11 8 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-05 2001-06-18 8 . 1 . 0	get it	<i>remarks - this release:</i> .			
	edito 2002-06-17 8 . 1 . 1	get it				

TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
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			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 2002-06-17 8 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
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			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 2002-06-17 8 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
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			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 2002-06-17 8 . 0 . 1	get it	<i>remarks - this release:</i> .			

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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 2000-02-16	8 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 2002-06-17	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 1999-06-30	8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 1999-11-11	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 1999-11-11	8 . 2 . 0	get it			
	smg-31 2000-02-16	8 . 3 . 0	get it			
	smg-31b 2000-04-17	8 . 4 . 0	get it			
	GP-01 2000-10-11	8 . 5 . 0	get it			
	GP-02 2000-11-30	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 1999-11-11	8 . 0 . 1	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	smg-30b 1999-12-06	8 . 1 . 0	get it	<i>remarks - this release:</i>		
	ETSI publication 2001-10-30	8 . 1 . 1	get it			
	GP-08 2002-02-19	8 . 2 . 0	get it			
	replace corrupted figure 2.1 2003-01-24	8 . 2 . 1	get it			

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TR 09.01 General Network Interworking Scenarios

R99 current version: 8.0.0

freeze_meeting: SP-06

history (event, available, version,
NP-07 2000-03-15 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 2000-02-16 8 . 0 . 0
NP-10 2001-01-02 8 . 1 . 0
NP-19 2003-03-24 8 . 2 . 0

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
[get it](#) remarks - this release: #31: 8.0.0 TSG#10:8.1.0
[get it](#)

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 current version: 8.6.0

freeze_meeting: SP-06

history (event, available, version,
smg-31 2000-02-16 8 . 0 . 0
smg-31b 2000-04-17 8 . 1 . 0
smg-32 2000-06-20 8 . 2 . 0
GP-01 2000-09-01 8 . 3 . 0
GP-06 2001-09-14 8 . 4 . 0
GP-07 2002-01-08 8 . 5 . 0
GP-10 2002-07-19 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:
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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 2000-02-09 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,
smg2b-07 1 . 8 . 0 2b99-009 *remarks - general:*
smg3a- 1 . 9 . 0 2p99-099 *remarks - this release:*
smg4 1 . 10 . 0 7e99-004
smg2edge-07 1 . 11 . 0 2e99-003
draft 2000-01-05 1 . 20 . 0 [get it](#)
draft 2000-04-01 1 . 22 . 0 [get it](#)
draft 2000-05-25 1 . 23 . 0 [get it](#)
smg-32 2000-06-20 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):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-31 2000-02-16 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 2000-10-30 8 . 1 . 1 [get it](#)
smg-32 2000-06-20 8 . 2 . 0 [get it](#)
GP-06 2001-09-14 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: 8.7.0 WG (prime / other): T3 / G2, rapporteur: SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: SP-06

G3ne
w

G: yes U:

MCC: JURISIC, Andrijana

history (event, available, version,

auto upgrade to 8 . 0 . 0 never actually done
R99 from

not derived from R96 by CR; also to withdraw the R96 version, since the
previous rel

version will cover all previous Releases. TP-20: accepted by T3 (from G4).

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	2002-12-20	8 . 1 . 0	Created correctly by a CR to previous version.	get it
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GP-13	2003-02-21	8 . 2 . 0		get it
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GP-14	2003-04-25	8 . 3 . 0		get it
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TP-20	2003-07-01	8 . 4 . 0	late availability due to aesthetics check	get it
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TP-21	2003-09-30	8 . 5 . 0		get it
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TP-22	2004-01-12	8 . 6 . 0		get it
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TP-23		8 . 7 . 0		
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remarks - general: TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, version

and to approve a new R99 version not derived from R96 by CR; also to withdraw R99

the R96 version, since the R99 version will cover all previous Releases.

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Server ACTIVE specs R99 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

R99 *current version:* 8.12.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version,
smg-29 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 1999-11-11 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-31 2000-02-16 8 . 2 . 0 [get it](#)
smg-32 2000-06-20 8 . 3 . 0 [get it](#)
TP-09 2000-10-18 8 . 4 . 0 [get it](#)
TP-11 2001-04-09 8 . 5 . 0 [get it](#)
TP-14 2002-01-17 8 . 6 . 0 [get it](#)
TP-16 2002-06-25 8 . 7 . 0 [get it](#)
TP-17 2002-09-18 8 . 8 . 0 [get it](#)
TP-18 2003-01-02 8 . 9 . 0 [get it](#)
Removal of 2003-06-23 8 . 9 . 1 [get it](#)
comments in
clause 11
TP-21 2003-09-30 8 . 10 . 0 [get it](#)
TP-22 2004-01-12 8 . 11 . 0 [get it](#)
TP-23 8 . 12 . 0

TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R99 *current version:* 8.2.1 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando Indicate persons who left Company and wait for new
freeze_meeting: SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana One

history (event, available, version,
TP-17 2002-09-18 8 . 0 . 0 == v7.4.2 [get it](#) *remarks - general:*
TP-18 2003-01-02 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 2003-03-26 8 . 2 . 0 [get it](#)
replace Annex E 2003-04-16 8 . 2 . 1 [get it](#)
with correct file

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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
R99	<i>current version:</i> 8.16.0		<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:	JURISIC, Andrijana			
<i>history (event, available, version,</i>									
smg-29	1999-06-30	8 . 0 . 0			get it		<i>remarks - general:</i>		
smg-30	1999-11-11	8 . 1 . 0			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-31	2000-02-16	8 . 2 . 0			get it				
Correction of CR implementation	2000-05-31	8 . 2 . 1			get it				
smg-32	2000-06-20	8 . 3 . 0			get it				
TP-09	2000-10-18	8 . 4 . 0			get it				
TP-10	2001-01-05	8 . 5 . 0			get it				
TP-11	2001-04-09	8 . 6 . 0			get it		To be withdrawn at TSG#12, subsumed in 31.111		
TP-12	2001-07-06	8 . 7 . 0			get it		Unwithdrawn!		
TP-13	2001-10-12	8 . 8 . 0			get it				
TP-14	2002-01-16	8 . 9 . 0			get it				
TP-15	2002-03-28	8 . 10 . 0			get it				
TP-16	2002-06-25	8 . 11 . 0			get it				
TP-18	2003-01-02	8 . 12 . 0			get it				
TP-19	2003-03-26	8 . 13 . 0			get it				
TP-20	2003-06-23	8 . 14 . 0			get it				
TP-22	2004-01-12	8 . 15 . 0			get it				
TP-23		8 . 16 . 0							

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:	JURISIC, Andrijana			
<i>history (event, available, version,</i>									
TP-18	2003-01-02	8 . 0 . 0			get it		<i>remarks - general:</i>		
TP-19	2003-03-27	8 . 1 . 0			get it		<i>remarks - this release:</i>	May 00: R99 not anticipated. TP-18: R99 created.	

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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R99 *current version:* 8.9.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G: yes U:* MCC: USAI, Paolino

history (event, available, version,
smg-30b 1999-12-06 8 . 0 . 0 [get it](#) *remarks - general:*
smg-31 2000-02-16 8 . 1 . 0 [get it](#) *remarks - this release:*
ETSI publication 2003-08-22 8 . 1 . 1 [get it](#)
smg-31b 2000-04-17 8 . 2 . 0 [get it](#)
smg-32 2000-06-20 8 . 3 . 0 [get it](#)
GP-01 2000-09-01 8 . 4 . 0 [get it](#)
GP-02 2000-11-24 8 . 5 . 0 [get it](#)
GP-04 2001-04-18 8 . 6 . 0 [get it](#)
GP-12 2003-01-03 8 . 7 . 0 [get it](#)
GP-13 2003-02-21 8 . 8 . 0 [get it](#)
GP-15 2003-07-11 8 . 9 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 *current version:* 8.0.2 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G: yes U:* MCC: USAI, Paolino

history (event, available, version,
smg-31b 2000-04-17 8 . 0 . 0 based on 5.2.1 [get it](#) *remarks - general:*
start of OAP 2000-05-24 8 . 0 . 1 [get it](#) *remarks - this release:*
ETSI publication 2000-10-10 8 . 0 . 2 [get it](#)

R99 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R99 *current version:* 8.0.0 *WG (prime / other):* S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* NP MCC: ZOICAS, Adrian

history (event, available, version,
Upgrade to R99 2000-04-19 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 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 2000-04-19 8 . 0 . 0
SP-16 2002-06-28 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): G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-09 2002-05-06 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 1999-09-22 0 . 0 . 1
draft 1999-10-18 0 . 0 . 2
draft 1999-12-03 0 . 0 . 3
draft 1999-12-22 0 . 0 . 4
draft 2000-01-17 0 . 0 . 5
draft 2000-05-22 2 . 0 . 0
draft 2000-05-25 2 . 0 . 1
SP-08 2000-06-21 7 . 0 . 0
SP-08 2000-06-21 8 . 0 . 0
ETSI Publication 2000-11-30 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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R99

21 .- series

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

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

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

R99 current version: 3.13.0

WG (prime / other):

SP / -

rapporteur: MEREDITH, John M

ETSI Secretariat

freeze_meeting: SP-07

G: U: yes

MCC: POPE, Maurice

history (event, available, version,

SP-05 1999-10-13 1 . 0 . 0

[get it](#)

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

SP-06 1999-12-17 2 . 0 . 0

[get it](#)

remarks - this release: Specifications".

corrections 2 . 2 . 0 post SP-06

SP-07 2 . 3 . 0 SP-000037

SP-07 2 . 4 . 0 SP-000104

SP-07 2 . 5 . 0

SP-07 2000-03-17 3 . 0 . 0

[get it](#)

editorial 2000-03-30 3 . 0 . 1

[get it](#)

post-SP-08 2000-06-28 3 . 1 . 0

[get it](#)

SP-10 2001-01-04 3 . 2 . 0

[get it](#)

SP-11 2001-04-11 3 . 3 . 0

[get it](#)

SP-12 2001-07-05 3 . 4 . 0

[get it](#)

SP-13 2001-10-01 3 . 5 . 0

[get it](#)

SP-14 2002-01-03 3 . 6 . 0

[get it](#)

SP-15 2002-03-27 3 . 7 . 0

[get it](#)

SP-16 2002-06-19 3 . 8 . 0

[get it](#)

SP-17 2002-09-18 3 . 9 . 0

[get it](#)

SP-18 2003-01-03 3 . 10 . 0

[get it](#)

SP-19 2003-03-27 3 . 11 . 0

[get it](#)

SP-20 2003-06-25 3 . 12 . 0

[get it](#)

SP-23 3 . 13 . 0

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.111 USIM and IC card requirements

R99 *current version:* 3.4.0
freeze_meeting: SP-03
history (event, available, version,
draft 1998-10-16 0 . 0 . 1
Transfer from 1999-03-04 1 . 1 . 0
smg9 to T3
T3 1999-04-21 2 . 0 . 0
TP-03 1999-04-23 3 . 0 . 0
TP-06 1999-12-17 3 . 0 . 1
TP-07 2000-03-15 3 . 1 . 0
TP-08 2000-06-23 3 . 2 . 0
TP-09 2000-10-18 3 . 3 . 0
TP-17 2002-09-18 3 . 4 . 0

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

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

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

TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version,
draft 1998-08-20 0 . 0 . 1
draft 1998-10-20 1 . 0 . 0
WG approval 1998-12-20 2 . 0 . 0
SP-03 1999-04-23 3 . 0 . 0
SP-06 1999-12-17 3 . 1 . 0
SP-14 2002-01-07 3 . 2 . 0

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

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

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

TR 21.801 Specification drafting rules

R99 *current version:* 3.0.0
freeze_meeting: SP-23
history (event, available, version,
SP-23 3 . 0 . 0

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

remarks - general:
remarks - this release: Created from Rel-5 at SP-23. Previous Releases were originally covered by ETSI drafting rules. No intention to propagate "21.801" further back than R99.

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 21.810 Report on multi-mode UE issues; ongoing work and identified additional work

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-08 2000-06-23 3 . 0 . 0 [get it](#) *remarks - general:* Was formerly 21.910. Renumbered at TSG#7.
remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.7.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
SP-04 1999-06-23 3 . 1 . 0 [get it](#) *remarks - this release:* SP-22: Fron now on, is null document pointing to equivalent in latest Release.
SP-05 1999-10-13 3 . 2 . 0 [get it](#)
SP-08 2000-06-28 3 . 3 . 0 [get it](#)
SP-09 2000-10-04 3 . 4 . 0 [get it](#)
SP-10 2001-01-04 3 . 5 . 0 [get it](#)
SP-11 2001-04-11 3 . 6 . 0 [get it](#)
SP-22 2004-01-14 3 . 7 . 0 [get it](#)

TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0 *WG (prime / other):* T2 / - *rapporteur:* SOOD, Prem SHARP Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:*
TP-04 1999-06-18 0 . 0 . 3 [get it](#) *remarks - this release:*
TP-05 1999-10-08 1 . 0 . 2 [get it](#)
TP-06 1999-12-17 1 . 1 . 0 [get it](#)
TP-07 2 . 0 . 0 TP-000026 [get it](#)
TP-07 2000-03-15 3 . 0 . 0 [get it](#)
Editorial 2000-03-30 3 . 0 . 1 [get it](#)
TP-08 2000-06-23 3 . 1 . 0 [get it](#)
TP-09 2000-10-16 3 . 2 . 0 [get it](#)
TP-10 2001-01-05 3 . 3 . 0 [get it](#)
TP-13 2001-10-03 3 . 4 . 0 [get it](#)
TP-17 2002-09-16 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 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.905 Vocabulary for 3GPP Specifications

R99 *current version:* 3.3.0
freeze_meeting: SP-07
history (event, available, version,
SP-05 1999-10-13 0 . 0 . 1
SP-07 2000-03-15 3 . 0 . 0 SP-000072
SP-06 1999-12-17 3 . 0 . 0
SP-08 2000-06-23 3 . 1 . 0
edito 2000-08-08 3 . 1 . 1
SP-09 2000-10-18 3 . 2 . 0
SP-13 2001-10-05 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](#)
[get it](#)

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,
TP-03 0 . 1 . 0
TP-04 0 . 2 . 0
TP-05 1999-10-08 1 . 0 . 1
TP-06 1999-12-17 1 . 3 . 2
TP-07 2 . 0 . 0
TP-08 2 . 1 . 0
TP-08 2000-03-15 3 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
G: U: yes *MCC:* RODERMUND, Friedhelm

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)

[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,
NP-06 1999-12-17 2 . 0 . 0
Revised clause 11 2000-01-14 2 . 1 . 0
NP-08 2 . 1 . 1
NP-08 2000-06-23 3 . 0 . 0

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

[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

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

3GPP specification status

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Server ACTIVE specs R99 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)								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-07			<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-06 1999-12-17	3 . 0 . 0	aprvd with CRs	get it	<i>remarks - general:</i> Transfer>TSG#5				
	SP-06 1999-12-17	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	edito 2000-01-18	3 . 1 . 1		get it					
	SP-07 2000-03-17	3 . 2 . 0		get it					
<hr/>									
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> 3.6.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited		
	<i>freeze_meeting:</i> SP-05			<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 1999-10-13	3 . 1 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-06 1999-12-17	3 . 2 . 0		get it	<i>remarks - this release:</i>				
	SP-07 2000-03-15	3 . 3 . 0		get it					
	SP-08 2000-06-23	3 . 4 . 0		get it					
	SP-09 2000-10-18	3 . 5 . 0		get it					
	SP-11 2001-04-02	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			<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-06 1999-12-17	3 . 0 . 0	aprvd with CRs	get it	<i>remarks - general:</i> Transfer>TSG#5				
	SP-06 1999-12-17	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-07 2000-03-17	3 . 2 . 0		get it					
	SP-12 2001-06-27	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			<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 1999-10-13	3 . 0 . 1		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-06 1999-12-17	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-07 2000-03-15	3 . 2 . 0		get it					
	Editorial 2000-03-15	3 . 2 . 1		get it					
	SP-16 2002-07-04	3 . 3 . 0		get it					

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

3GPP specification status

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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> DEOL, Amar			Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 1999-10-13	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> IGNATIUS, Jan			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 1999-10-30	3	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-05 1999-10-30	3	.	1	.	0	get it	<i>remarks - this release:</i>	
	SP-06 1999-12-17	3	.	2	.	0	get it		
	SP-07 2000-03-17	3	.	3	.	0	get it		
	SP-09 2000-10-18	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 2003-01-06	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 2002-06-24	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.

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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 1999-10-13 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-07 2000-03-15 3 . 2 . 0	get it	<i>remarks - this release:</i>			
	edito 2000-04-25 3 . 2 . 1	get it				
<hr/>						
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1					
R99	<i>current version:</i> 3.4.0	<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 1999-10-30 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-07 2000-03-17 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-08 2000-06-28 3 . 2 . 0	get it				
	SP-20 2003-06-18 3 . 3 . 0	get it				
	SP-22 2004-01-06 3 . 4 . 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> WATSON, John	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 1999-10-13 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-10 2001-01-08 3 . 2 . 0	get it	<i>remarks - this release:</i>			
	SP-11 2001-04-02 3 . 3 . 0	get it				
	edito 2001-04-26 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> 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 1999-10-13 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> CR to 3.0.1 not aprvd.			

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TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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 1999-10-25 3 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution				
	edito 1999-10-25 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 1999-10-13 3 . 1 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-06 1999-12-17 3 . 2 . 0	get it		<i>remarks - this release:</i>					
	SP-07 2000-03-15 3 . 3 . 0	get it							
	SP-08 2000-06-28 3 . 4 . 0	get it							
	SP-09 2000-10-18 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 1999-10-13 3 . 0 . 1	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-07 2000-03-15 3 . 1 . 0	get it		<i>remarks - this release:</i>					
	SP-08 2000-06-28 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 1999-10-13 3 . 0 . 1	get it		<i>remarks - general:</i>	Transfer>TSG#4				
				<i>remarks - this release:</i>	.				

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TS 22.071	Location Services (LCS); Stage 1					
R99	<i>current version:</i> 3.5.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-05 1999-10-13	3 . 1 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-06 1999-12-17	3 . 2 . 0		get it	<i>remarks - this release:</i>	
	SP-09 2000-10-18	3 . 3 . 0		get it		
	SP-15 2002-03-25	3 . 4 . 0		get it		
	SP-23	3 . 5 . 0				
<hr/>						
TS 22.072	Call Deflection (CD); Stage 1					
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HECHWARTNER, Roland		T-Mobile AUSTRIA GmbH
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-05 1999-10-13	3 . 0 . 1		get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
R99	<i>current version:</i> 3.9.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel		Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-05 1999-10-13	3 . 1 . 0		get it	<i>remarks - general:</i>	
	SP-06 1999-12-17	3 . 2 . 0		get it	<i>remarks - this release:</i>	
	SP-07 2000-03-15	3 . 3 . 0		get it		
	SP-08 2000-06-28	3 . 4 . 0		get it		
	edito 2000-08-09	3 . 4 . 1		get it		
	SP-09 2000-10-31	3 . 5 . 0		get it		
	SP-10 2001-01-08	3 . 6 . 0		get it		
	SP-11 2001-04-02	3 . 7 . 0		get it		
	SP-12 2001-06-27	3 . 8 . 0		get it		
	SP-15 2002-03-25	3 . 9 . 0		get it		

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TS 22.079	Support of optimal routing; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-05 1999-10-13 3 . 0 . 1				get it	remarks - general: Transfer>TSG#4 remarks - this release: .
TS 22.081	Line Identification supplementary services; Stage 1					
R99	current version: 3.2.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TeliaSonera AB		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-05 1999-10-13 3 . 0 . 1 SP-08 2000-06-28 3 . 2 . 0				get it get it	remarks - general: Transfer>TSG#4 remarks - this release: .
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: IBIDUN, Kunle	ORANGE PCS LTD		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-05 1999-10-13 3 . 0 . 1				get it	remarks - general: Transfer>TSG#4 remarks - this release: .
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-05 1999-10-13 3 . 0 . 1				get it	remarks - general: Transfer>TSG#4 remarks - this release: .
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg	SIEMENS AG		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-05 1999-10-13 3 . 0 . 1				get it	remarks - general: Transfer>TSG#4 remarks - this release: .

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

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TS 22.085	Closed User Group (CUG) supplementary services; Stage 1									
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB				
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,										
SP-05	1999-10-13	3 . 0 . 1		get it	remarks - general:	Transfer>TSG#4				
SP-06	1999-12-17	3 . 1 . 0		get it	remarks - this release:	.				
<hr/>										
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1									
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	DEOL, Amar	Nortel Networks (USA)				
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,										
SP-05	1999-10-13	3 . 1 . 0		get it	remarks - general:	Transfer>TSG#4				
					remarks - this release:	.				
<hr/>										
TS 22.087	User-to-user signalling (UUS); Stage 1									
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH				
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,										
SP-05	1999-10-13	3 . 0 . 1	3.0.1, but should have been 3.1.0 to	get it	remarks - general:	Transfer>TSG#4				
			include a CR wrongly attributed to		remarks - this release:	.				
			22.086.							
incorporation of	2000-02-01	3 . 1 . 0		get it						
lost CR from										
<hr/>										
TS 22.088	Call Barring (CB) supplementary services; Stage 1									
R99	current version: 3.0.2	WG (prime / other):	S1 / -	rapporteur:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH				
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,										
SP-05	1999-10-13	3 . 0 . 1		get it	remarks - general:	Transfer>TSG#4				
edito	2000-11-27	3 . 0 . 2		get it	remarks - this release:	.				
<hr/>										
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1									
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	IGNATIUS, Jan	NOKIA Corporation				
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,										
SP-05	1999-10-13	3 . 0 . 1		get it	remarks - general:	Transfer>TSG#4				
SP-07	2000-03-15	3 . 1 . 0		get it	remarks - this release:	.				

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TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-05	1999-10-13	3 . 0 . 1					get it	remarks - general:	Transfer>TSG#4
SP-09	2000-10-18	3 . 1 . 0					get it	remarks - this release:	
<hr/>									
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1								
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-05	1999-10-13	3 . 0 . 1					get it	remarks - general:	Transfer>TSG#4
								remarks - this release:	.
<hr/>									
TS 22.094	Follow Me service description - Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH			
	freeze_meeting: SP-06	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-06	1999-12-17	3 . 1 . 0					get it	remarks - general:	Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to
02,94 R99 in favour of a common GSM/UMTS spec, 22.094.									
August 2001: still debating whether this is GSM-only or common.									
<hr/>									
TS 22.096	Name identification supplementary services; Stage 1								
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	DEOL, Amar	Nortel Networks (USA)			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-05	1999-10-13	3 . 0 . 1					get it	remarks - general:	Transfer>TSG#4
								remarks - this release:	.
<hr/>									
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
R99	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	DEOL, Amar	Nortel Networks (USA)			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-05	1999-10-13	3 . 1 . 0					get it	remarks - general:	Transfer>TSG#4
SP-09	2000-10-18	3 . 2 . 0					get it	remarks - this release:	

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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 1998-09-16 0 . 1 . 0

draft 1998-10-16 1 . 0 . 0

WG approval 1999-02-01 2 . 0 . 0

SP-03 1999-04-23 3 . 0 . 0

SP-03 1999-04-23 3 . 2 . 0

SP-04 1999-06-23 3 . 3 . 0

SP-05 1999-10-13 3 . 4 . 0

SP-06 1999-12-17 3 . 5 . 0

SP-07 2000-03-15 3 . 6 . 0

SP-13 2001-10-05 3 . 7 . 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](#)

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TS 22.101 Service aspects; Service principles

R99 *current version:* 3.17.0

freeze_meeting: SP-03

history (event, available, version,

SP-03 1999-04-23 3 . 5 . 0

SP-04 1999-06-23 3 . 6 . 0

SP-05 1999-10-13 3 . 7 . 0

SP-06 1999-12-17 3 . 8 . 0

SP-07 2000-03-15 3 . 9 . 0

SP-08 2000-06-28 3 . 10 . 0

SP-09 2000-10-18 3 . 11 . 0

SP-10 2001-01-08 3 . 12 . 0

SP-12 2001-06-27 3 . 13 . 0

SP-20 2003-06-18 3 . 14 . 0

SP-21 2003-09-30 3 . 15 . 0

SP-22 2004-01-06 3 . 16 . 0

SP-23 3 . 17 . 0

WG (prime / other): S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)

G: *U:* yes *MCC:* CLAYTON, Michael

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

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

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TS 22.105 Services and service capabilities

R99 current version: 3.10.0

freeze_meeting: SP-03

history (event, available, version,

First complete	1997-06-13	1	.	0	.	0
draft	1997-12-19	1	.	4	.	1
WG approval	1998-02-15	2	.	0	.	0
smg-25	1998-03-20	3	.	0	.	0
smg-26	1998-06-20	3	.	1	.	0
smg-28	1999-02-15	3	.	2	.	0
SP-03	1999-04-23	3	.	4	.	0
SP-04	1999-06-23	3	.	5	.	0
SP-05	1999-10-13	3	.	6	.	0
SP-06	1999-12-17	3	.	7	.	0
SP-07	2000-03-15	3	.	8	.	0
SP-08	2000-06-28	3	.	9	.	0
SP-10	2001-01-08	3	.	10	.	0

WG (prime / other): S1 / -

G: U: yes

rapporteur:

MCC:

ZARRI, Michele
CLAYTON, Michael

T-Mobile (UK) Ltd

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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TS 22.115 Service Aspects Charging and billing

R99 current version: 3.4.0

freeze_meeting: SP-03

history (event, available, version,

First complete	1997-06-13	1	.	0	.	0
Milestone 1	1997-12-19	1	.	2	.	2
WG approval	1999-01-15	2	.	0	.	0
TB approval	1999-02-15	3	.	0	.	0
SP-04	1999-06-23	3	.	1	.	0
SP-03	1999-04-23	3	.	1	.	0
SP-05	1999-10-13	3	.	2	.	0
SP-07	2000-03-15	3	.	3	.	0
SP-22	2004-01-06	3	.	4	.	0

WG (prime / other): S1 / -

G: yes U: yes

rapporteur:

MCC:

SCARRONE, Enrico
CLAYTON, Michael

TELECOM ITALIA S.p.A.

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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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 1999-03-04 0 . 0 . 0
Table of Contents 1999-03-04 0 . 1 . 0
and Scope
SP-03 1999-04-23 1 . 0 . 0
SP-05 1999-10-13 3 . 0 . 0
SP-06 1999-12-17 3 . 1 . 0
SP-07 2000-03-15 3 . 2 . 0
SP-08 2000-06-28 3 . 3 . 0
SP-09 2000-10-18 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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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 1999-04-23 0 . 0 . 0
SP-05 1999-10-08 1 . 0 . 0
SP-06 1999-12-17 2 . 0 . 0
SP-08 2000-06-28 3 . 1 . 0

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

[get it](#) *remarks - general:* (development in T2)
[get it](#) *remarks - this release:*

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

TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0
freeze_meeting: SP-05
history (event, available, version,
TP-03 1999-04-28 1 . 0 . 0
TP-05 1999-10-08 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:* SCARRONE, Enrico TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
Table of Contents 1997-10-19 0 . 0 . 1
and Scope
First complete 1997-12-19 1 . 1 . 1
WG approval 1998-02-15 2 . 0 . 0
smg-25 1998-03-20 3 . 0 . 0
SP-03 1999-04-23 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:* WATSON, John VODAFONE Group Plc
G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
Table of Contents 1997-10-17 0 . 1 . 0
and Scope
First complete 1997-12-19 1 . 0 . 0
WG approval 1998-02-15 2 . 0 . 0
smg-25 1998-03-20 3 . 0 . 0
SP-03 1999-04-23 3 . 0 . 1
SP-05 1999-10-13 3 . 1 . 0

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

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002 Network architecture

R99 *current version:* 3.6.0
freeze_meeting: SP-05

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

history (event, available, version,
SP-05 1999-10-13 3 . 1 . 0
SP-06 1999-12-17 3 . 2 . 0
SP-07 2000-03-15 3 . 3 . 0
SP-10 2000-12-21 3 . 4 . 0
SP-14 2002-01-07 3 . 5 . 0
SP-17 2002-09-24 3 . 6 . 0

[get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
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 R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.003 Numbering, addressing and identification

R99 current version: 3.14.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
edito	2000-05-17	3	.	4	.	1
NP-08	2000-06-28	3	.	5	.	0
NP-09	2000-10-26	3	.	6	.	0
NP-10	2000-12-21	3	.	7	.	0
NP-11	2001-04-02	3	.	8	.	0
NP-12	2001-06-27	3	.	9	.	0
NP-16	2002-06-21	3	.	10	.	0
NP-17	2002-09-17	3	.	11	.	0
NP-20	2003-06-27	3	.	12	.	0
NP-21	2003-10-09	3	.	13	.	0
NP-22	2004-01-12	3	.	14	.	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](#)
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[get it](#)

TS 23.007 Restoration procedures

R99 current version: 3.6.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	1	.	3
NP-06	1999-12-15	3	.	2	.	0
NP-07	2000-03-15	3	.	3	.	0
NP-08	2000-06-28	3	.	4	.	0
NP-16	2002-06-21	3	.	5	.	0
NP-22	2004-01-12	3	.	6	.	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:
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[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.008 Organisation of subscriber data

R99 current version: 3.8.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0
NP-05	1999-10-13	3	.	1	.	0
NP-06	1999-12-15	3	.	2	.	0
NP-07	2000-03-15	3	.	3	.	0
NP-08	2000-06-28	3	.	4	.	0
NP-09	2000-10-26	3	.	5	.	0
NP-12	2001-06-27	3	.	6	.	0
NP-16	2002-06-21	3	.	7	.	0
NP-20	2003-06-27	3	.	8	.	0

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

G: yes U: yes MCC: KYMALAINEN, Kimmo

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.009 Handover procedures

R99 current version: 3.14.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0
NP-06	1999-12-17	3	.	1	.	0
NP-07	2000-03-15	3	.	2	.	0
edito (SDLs	2000-05-16	3	.	2	.	1
beautified)						
NP-08	2000-06-23	3	.	3	.	0
NP-09	2000-10-06	3	.	4	.	0
NP-10	2001-01-03	3	.	5	.	0
NP-11	2001-04-11	3	.	6	.	0
NP-12	2001-07-06	3	.	7	.	0
NP-13	2001-10-05	3	.	8	.	0
NP-14	2002-01-08	3	.	9	.	0
NP-16	2002-06-20	3	.	10	.	0
NP-17	2002-09-17	3	.	11	.	0
NP-18	2003-01-02	3	.	12	.	0
NP-19	2003-03-24	3	.	13	.	0
NP-20	2003-06-27	3	.	14	.	0

WG (prime / other): N1 / N4 rapporteur: FARHOUMAND, Ericsson Incorporated

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

[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 23.011 Technical realization of Supplementary Services

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0
edito 2000-06-06 3 . 0 . 1
NP-09 2000-10-26 3 . 1 . 0

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:*
[get it](#)

TS 23.012 Location management procedures

R99 *current version:* 3.3.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0
NP-06 1999-12-15 3 . 1 . 0
NP-07 2000-03-15 3 . 2 . 0
CR 23.012-003r3 2000-06-05 3 . 2 . 1
removed (error)
NP-08 2000-06-23 3 . 3 . 0

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

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

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0
NP-06 1999-12-17 3 . 1 . 0
NP-17 2002-09-17 3 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
G: yes U: yes *MCC:* JORGENSEN, Per Johan
[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:* .
[get it](#)

TS 23.015 Technical realization of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0
NP-04 1999-06-23 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

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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: 3.10.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-09	2000-10-26	3	.	6	.	0
NP-11	2001-03-30	3	.	7	.	0
NP-15	2002-03-28	3	.	8	.	0
NP-17	2002-09-17	3	.	9	.	0
NP-23		3	.	10	.	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	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-09	2000-10-25	3	.	6	.	0
NP-11	2001-04-06	3	.	7	.	0
NP-12	2001-07-04	3	.	8	.	0
NP-13	2001-10-03	3	.	9	.	0
NP-14	2002-01-16	3	.	10	.	0
NP-15	2002-03-28	3	.	11	.	0
NP-19	2003-04-04	3	.	12	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: PARK, Ian David

MCC:

Chalmers

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

TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2						
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-18						
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice		
	SP-18 2003-01-06 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</i>	<i>U: yes</i>	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version,</i>						
	SP-03 1999-04-23 3 . 0 . 0					get it <i>remarks - general:</i> S2 responsibility?	
	SP-07 2000-03-15 3 . 1 . 0					get it <i>remarks - this release:</i>	
	SP-18 2003-01-07 3 . 2 . 0					get it	
	edito post SP-18 2003-01-10 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>			
	<i>freeze_meeting:</i> SP-03	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>						
	NP-03 1999-04-23 3 . 0 . 0					get it <i>remarks - general:</i>	
	NP-05 1999-10-13 3 . 1 . 0					get it <i>remarks - this release:</i>	
	NP-06 1999-12-17 3 . 1 . 1					get it	
	NP-07 2000-03-15 3 . 2 . 0					get it	
	NP-10 2001-01-02 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</i>	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version,</i>						
	SP-16 2002-06-24 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 2002-09-18 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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Server ACTIVE specs R99 23 .- series
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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		Research In Motion Limited	
	<i>freeze_meeting:</i> SP-04		G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>						
	TP-03 1999-04-28	1 . 0 . 0		get it	<i>remarks - general:</i>		
	TP-04 1999-06-23	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 1999-10-08	3 . 2 . 0		get it			
	TP-06 1999-12-17	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		Research In Motion Limited	
	<i>freeze_meeting:</i> SP-04		G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>						
	TP-03 1999-04-28	1 . 0 . 0		get it	<i>remarks - general:</i>		
	TP-04 1999-06-23	3 . 0 . 0		get it	<i>remarks - this release:</i>		
	TP-06 completed 1999-12-17	3 . 1 . 0		get it			
	TP-09 2000-10-04	3 . 2 . 0		get it			
<hr/>							
TS 23.040	Technical realization of Short Message Service (SMS)						
R99	<i>current version:</i> 3.10.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited	
	<i>freeze_meeting:</i> SP-04		G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>						
	TP-03 1999-04-28	1 . 0 . 0		get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.		
	TP-04 1999-06-23	3 . 1 . 0		get it	<i>remarks - this release:</i>		
	TP-05 1999-10-08	3 . 2 . 0		get it			
	TP-06 1999-12-17	3 . 3 . 0		get it			
	TP-07 2000-03-15	3 . 4 . 0		get it			
	edito 2000-04-19	3 . 4 . 1		get it			
	TP-08 2000-06-23	3 . 5 . 0		get it			
	TP-13 2001-10-03	3 . 6 . 0		get it			
	TP-14 2002-01-11	3 . 7 . 0		get it			
	TP-15 2002-03-21	3 . 8 . 0		get it			
	TP-16 2002-06-25	3 . 9 . 0		get it			
	TP-20 2003-06-25	3 . 10 . 0		get it			

G = required in systems with GERAN access; 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 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0

freeze_meeting: SP-05

history (event, available, version,

TP-03 1999-04-23 0 . 0 . 0

TP-05 1999-10-08 3 . 0 . 0

TP-06 1999-12-17 3 . 1 . 0

TP-07 completion 2000-03-15 3 . 2 . 0

target

TP-09 2000-10-11 3 . 3 . 0

TP-12 2001-07-04 3 . 4 . 0

TP-16 2002-06-25 3 . 5 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion 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 1999-04-28 1 . 0 . 0

TP-04 1999-06-23 3 . 0 . 0

TP-06 1999-12-17 3 . 1 . 0

test vectors provided 23/01/200

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion 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 1999-04-28 1 . 0 . 0

TP-04 (MExE R98 1999-06-18 1 . 1 . 0

GSM 03.57)

TP-05 1999-10-08 1 . 5 . 0

TP-06 completed 1999-12-17 3 . 0 . 0

TP-07 2000-03-15 3 . 1 . 0

Editorial 2000-03-15 3 . 1 . 1

TP-08 2000-06-23 3 . 2 . 0

TP-09 2000-10-16 3 . 3 . 0

TP-11 2003-10-14 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](#)

[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

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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:* 3.16.0 *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	1999-10-13	3	.	1	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-06	1999-12-23	3	.	2	.	0	get it	<i>remarks - this release:</i>
SP-07	2000-03-15	3	.	3	.	0	get it	
SP-08	2000-06-28	3	.	4	.	0	get it	
SP-09	2000-11-04	3	.	5	.	0	get it	
SP-10	2001-01-12	3	.	6	.	0	get it	
SP-11	2001-04-06	3	.	7	.	0	get it	
SP-12	2001-06-29	3	.	8	.	0	get it	
SP-13	2001-10-12	3	.	9	.	0	get it	
SP-14	2002-01-09	3	.	10	.	0	get it	
edito		3	.	10	.	1		
SP-15	2002-04-07	3	.	11	.	0	get it	
SP-16	2002-06-17	3	.	12	.	0	get it	
SP-17	2002-10-02	3	.	13	.	0	get it	
SP-18	2003-01-10	3	.	14	.	0	get it	
SP-20	2003-06-20	3	.	15	.	0	get it	
SP-22	2004-01-06	3	.	16	.	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	1999-10-13	3	.	1	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
NP-07	2000-03-15	3	.	2	.	0	get it	<i>remarks - this release:</i>
NP-08	2000-06-23	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	1999-04-23	3	.	0	.	0	get it	<i>remarks - general:</i>
NP-07	2000-03-15	3	.	1	.	0	get it	<i>remarks - this release:</i>
NP-10	2000-12-21	3	.	2	.	0	get it	
NP-12	2001-06-27	3	.	3	.	0	get it	

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

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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	1999-04-23	3	.	0	.	0	get it	<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5
NP-04	1999-06-23	3	.	1	.	0	get it	<i>remarks - this release:</i>	
NP-05	1999-10-13	3	.	2	.	0	get it		
NP-06	1999-12-15	3	.	3	.	0	get it		
NP-07	2000-03-15	3	.	4	.	0	get it		
NP-08	2000-06-23	3	.	5	.	0	get it		
NP-09	2000-10-26	3	.	6	.	0	get it		
NP-16	2002-06-21	3	.	7	.	0	get it		
NP-18	2003-01-07	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	1999-04-23	3	.	0	.	0	get it	<i>remarks - general:</i>	
edito	2000-06-06	3	.	0	.	1	get it	<i>remarks - this release:</i>	
NP-08	2000-06-23	3	.	1	.	0	get it		
NP-17	2002-09-24	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	1999-04-23	3	.	0	.	0	get it	<i>remarks - general:</i>	
NP-05	1999-10-13	3	.	1	.	0	get it	<i>remarks - this release:</i>	
NP-07	2000-03-15	3	.	2	.	0	get it		
NP-08	2000-06-23	3	.	3	.	0	get it		
NP-09	2000-10-26	3	.	4	.	0	get it		
NP-10	2000-12-21	3	.	5	.	0	get it		
NP-12	2001-06-27	3	.	6	.	0	get it		
NP-16	2002-06-21	3	.	7	.	0	get it		

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

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

R99 *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 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 1999-12-17 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 2000-10-26 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 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 1999-12-17 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 2000-10-26 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 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
edito 2000-06-06 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 2000-10-26 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 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
edito 2000-06-06 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 2000-10-26 3 . 1 . 0 [get it](#)

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

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TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 2000-06-06 3 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-09 2000-10-26 3 . 1 . 0	get it				

TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-07 2000-03-15 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-09 2000-10-26 3 . 2 . 0	get it				

TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-06 1999-12-17 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-09 2000-10-26 3 . 2 . 0	get it				

TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-06 1999-12-17 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	ETSI Publication 2000-11-07 3 . 2 . 0	get it				

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TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2						
R99	<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 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-06 1999-12-17 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-09 2000-10-26 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 1999-12-17 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
	NP-07 2000-03-15 3 . 1 . 0	get it	<i>remarks - this release:</i> Transfer>TSG#6.				
	NP-09 2000-10-26 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 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>				
	edito 2000-06-06 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 1999-10-13 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
	NP-06 1999-12-17 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-07 2000-03-15 3 . 1 . 1	get it					

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

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TS 23.101	General UMTS Architecture								
R99	<i>current version:</i> 3.1.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-04			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	First complete	1997-06-13	0 . 1 . 0		get it	<i>remarks - general:</i>			
	Transfer to SP SA	1999-03-04	0 . 1 . 1		get it	<i>remarks - this release:</i>			
	WG2								
	SP-03	1999-04-23	3 . 0 . 0		get it				
	SP-04	1999-06-23	3 . 0 . 1		get it				
	SP-10	2000-12-21	3 . 1 . 0		get it				
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
R99	<i>current version:</i> 3.9.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-05			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-05	1999-10-13	3 . 0 . 0		get it	<i>remarks - general:</i> was 23.907			
	SP-06	1999-12-17	3 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-07	2000-03-15	3 . 2 . 0		get it				
	SP-08	2000-06-28	3 . 3 . 0		get it				
	SP-09	2000-10-19	3 . 4 . 0		get it				
	SP-10	2000-12-22	3 . 5 . 0		get it				
	SP-11	2001-05-14	3 . 6 . 0		get it				
	SP-14	2002-01-07	3 . 7 . 0		get it	CR072r1 erroneously implemented; anticipate correction at SP-15.			
	SP-15	2002-04-07	3 . 8 . 0		get it				
	SP-17	2002-09-24	3 . 9 . 0		get it				
<hr/>									
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> SP-04			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-03	1999-04-23	0 . 0 . 0		get it	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.			
	NP-05	1999-10-13	3 . 0 . 0		get it	<i>remarks - this release:</i>			
	NP-04	1999-06-23	3 . 0 . 0		get it				
	NP-06	1999-12-17	3 . 1 . 0		get it				
	NP-07	2000-03-15	3 . 2 . 0		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 1997-02-15 0 . 3 . 0

Transfer to SP S2 1999-03-04 0 . 3 . 1

SP-03 1999-04-23 3 . 1 . 0

SP-05 1999-10-13 3 . 2 . 0

SP-06 1999-12-17 3 . 3 . 0

SP-07 2000-03-15 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 1999-04-30 0 . 0 . 0

NP-06 1999-12-17 1 . 0 . 0

NP-07 2000-03-15 3 . 0 . 0

NP-12 2001-06-27 3 . 1 . 0

NP-14 2002-01-10 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 1999-08-01 0 . 1 . 0

draft 1999-09-01 0 . 2 . 0

draft 1999-10-01 0 . 3 . 0

draft 1999-11-01 0 . 4 . 0

draft 1999-11-15 0 . 5 . 0

N2b, Milan 2000-02-28 1 . 0 . 0

NP-07 2000-11-21 2 . 0 . 0

NP-10 2001-01-09 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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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.121 Architectural requirements for Release 1999

R99 current version: 3.6.0

freeze_meeting: SP-04

history (event, available, version,

First complete	1999-04-23	0	.	0	.	0
SP-03	1999-04-23	1	.	0	.	0
draft	1999-06-01	1	.	0	.	1
draft	1999-06-20	2	.	0	.	0
SP-04	1999-06-23	3	.	0	.	0
SP-05	1999-10-13	3	.	1	.	0
SP-06	1999-12-17	3	.	2	.	0
SP-07	2000-03-15	3	.	3	.	0
SP-09	2000-10-19	3	.	4	.	0
SP-10	2000-12-20	3	.	5	.	0
edito	2001-02-01	3	.	5	.	1
SP-16	2002-06-18	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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TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 current version: 3.10.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0

R98 features.

editorial correction	2000-02-10	3	.	1	.	1
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NP-07	2000-03-15	3	.	2	.	0
NP-08	2000-06-23	3	.	3	.	0
NP-09	2000-10-06	3	.	4	.	0
edito	2000-10-24	3	.	4	.	1
edito	2000-11-02	3	.	4	.	2
NP-10	2001-01-02	3	.	5	.	0
NP-11	2001-04-11	3	.	6	.	0
NP-12	2001-07-05	3	.	7	.	0
NP-17	2002-09-17	3	.	8	.	0
NP-18	2002-12-18	3	.	9	.	0
NP-21	2003-10-10	3	.	10	.	0

WG (prime / other): N1 / -

G: yes U: yes

rapporteur: HIETALAHTI, Hannu

MCC: JORGENSEN, Per Johan

NOKIA Corporation

[get it](#) remarks - general: 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of
[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](#)

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

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

TS 23.127 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 1999-10-13 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 1999-12-17 3 . 0 . 0 [get it](#)
SP-08 2000-06-28 3 . 1 . 0 [get it](#)
SP-09 2000-11-06 3 . 2 . 0 [get it](#)
SP-10 2000-12-21 3 . 3 . 0 [get it](#)
SP-12 2001-06-29 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 2000-03-15 1 . 1 . 0 [get it](#) *remarks - general:*
NP-07 2000-03-15 3 . 0 . 0 [get it](#) *remarks - this release:*
NP-08 2000-06-23 3 . 1 . 0 [get it](#)
NP-09 2000-10-25 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 INFINEON TECHNOLOGIES
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
TP-05 1999-10-08 0 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 1999-12-17 1 . 0 . 0 [get it](#)
TP-07 2000-03-15 2 . 0 . 0 TP-000028 [get it](#)
Editorial 2000-03-15 3 . 0 . 1 [get it](#)
TP-16 2002-06-24 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:* 3.11.0 *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 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:*
SP-06 1999-12-17 1 . 1 . 0 [get it](#) *remarks - this release:*
SP-07 2 . 0 . 0 SP-000090
SP-07 2000-03-15 3 . 0 . 0 [get it](#)
SP-08 2000-06-28 3 . 1 . 0 [get it](#)
SP-10 2000-12-21 3 . 2 . 0 [get it](#)
SP-11 2001-04-11 3 . 3 . 0 [get it](#)
SP-12 2001-06-29 3 . 4 . 0 [get it](#)
SP-13 2001-10-15 3 . 5 . 0 [get it](#)
SP-14 2002-01-07 3 . 6 . 0 [get it](#)
SP-15 2002-03-29 3 . 7 . 0 [get it](#)
SP-16 2002-06-18 3 . 8 . 0 [get it](#)
SP-17 2002-09-24 3 . 9 . 0 [get it](#)
SP-20 2003-06-23 3 . 10 . 0 [get it](#)
SP-23 3 . 11 . 0

TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 *current version:* 3.1.0 *WG (prime / other):* N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited
freeze_meeting: SP-06 *G:* U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-05 1999-10-08 0 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
NP-06 1999-12-17 3 . 0 . 0 [get it](#) *remarks - this release:* TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.
editorial (!) 2000-01-24 3 . 1 . 0 [get it](#)

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 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:*
NP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:* .
edito 2000-05-02 3 . 0 . 1 [get it](#)

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

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TR 23.909	Technical report on the Gateway Location Register				
R99	<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 1999-04-23	0 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-04 1999-06-23	3 . 0 . 0	get it	<i>remarks - this release:</i>	.
	edito 2000-05-03	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 1999-06-23	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 1999-10-13	0 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-06 1999-12-17	1 . 0 . 0	get it		
	NP-07	2 . 0 . 0			
	NP-07 2000-03-15	3 . 0 . 0	get it		
	NP-08 2000-06-23	3 . 1 . 0	get it		
	NP-09 2000-10-18	3 . 2 . 0	get it		
	NP-10 2000-12-22	3 . 3 . 0	get it		
	NP-11 2001-04-06	3 . 4 . 0	get it		
	NP-12 2001-06-28	3 . 5 . 0	get it		
	NP-17 2002-09-17	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 1999-10-13	0 . 0 . 1	get it	<i>remarks - general:</i>	
	WG/TB			<i>remarks - this release:</i>	.
	NP-05 1999-10-13	3 . 0 . 0	get it		
	edito 2000-05-02	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	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	Creation of WI by	1999-10-13	0 . 0 . 1	get it	<i>remarks - general:</i>	
	WG/TB				<i>remarks - this release:</i> .	
	NP-05	1999-10-13	3 . 0 . 0	get it		
	edito	2000-05-02	3 . 0 . 1	get it		
	edito	2000-05-09	3 . 0 . 2	get it		
	NP-14	2002-01-10	3 . 1 . 0	get it		

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth		TeliaSonera AB
	<i>freeze_meeting:</i> SP-06		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>					
	SP-03	1999-04-23	0 . 5 . 0	get it	<i>remarks - general:</i>	
	SP-04	1999-06-23	0 . 6 . 0	get it	<i>remarks - this release:</i> July 2001: (Sultan) contents out of date. Replaced by 23.228.	
	SP-05	1999-10-15	1 . 0 . 0	get it		
	SP-06	2000-06-05	3 . 0 . 0	get it		

TR 23.930	Iu Principles					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> AXERUD, Bo		NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i> SP-04		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>					
	Table of Contents	1997-11-15	0 . 1 . 1	get it	<i>remarks - general:</i>	
	and Scope				<i>remarks - this release:</i> .	
	First complete	1999-04-01	1 . 0 . 0	get it		
	SP-03	1999-04-23	1 . 2 . 1	get it		
	SP-04	1999-06-23	3 . 0 . 0	get it		

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

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Server ACTIVE specs R99 23 .- series
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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	1999-10-21	0	.	0	.	1
N1-08	1999-10-21	0	.	0	.	2
N1-09	1999-12-09	0	.	0	.	3
N1-08 revision	1999-10-29	0	.	0	.	3
NP-07	2000-03-15	3	.	0	.	0

[get it](#)

remarks - general: New after TSG#5. Minor title change TSG#7.

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

R99

24 .- series

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

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

R99 current version: 3.1.1

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	2000-03-17	3	.	0	.	0
NP-10	2001-01-02	3	.	1	.	0
correction of typo on cover page	2003-06-02	3	.	1	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 *current version:* 3.9.0
freeze_meeting: SP-05

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,

transfer from 3 . 0 . 0 not available

NP-05 1999-10-13 3 . 1 . 0

NP-06 1999-12-17 3 . 2 . 0

NP-07 2000-03-15 3 . 3 . 0

edito 2000-04-25 3 . 3 . 1

NP-08 2000-06-23 3 . 4 . 0

NP-09 2000-10-06 3 . 5 . 0

NP-10 2001-01-02 3 . 6 . 0

NP-11 2001-04-11 3 . 7 . 0

NP-14 2002-01-04 3 . 8 . 0

NP-16 2002-06-24 3 . 9 . 0

remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this release:

[get it](#)

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs 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:* 3.18.0 *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	1999-04-23	0	.	0	.	0		get it	<i>remarks - general:</i>
NP-04	1999-06-23	3	.	0	.	0		get it	<i>remarks - this release:</i>
NP-05	1999-10-13	3	.	1	.	0		get it	
NP-06	1999-12-27	3	.	2	.	0		get it	
editorial correction	2000-01-04	3	.	2	.	1		get it	
NP-07	2000-03-15	3	.	3	.	0		get it	
edito	2000-04-25	3	.	3	.	1		get it	
NP-08	2000-06-23	3	.	4	.	0		get it	
Editorial	2000-06-23	3	.	4	.	1		get it	
NP-09	2000-10-06	3	.	5	.	0		get it	
NP-10	2001-01-03	3	.	6	.	0		get it	
NP-11	2001-04-06	3	.	7	.	0		get it	
edito	2001-07-06	3	.	7	.	1		get it	
NP-12	2001-07-13	3	.	8	.	0		get it	
NP-13	2001-10-03	3	.	9	.	0		get it	
NP-14	2002-01-11	3	.	10	.	0		get it	
NP-15	2002-03-22	3	.	11	.	0		get it	
NP-16	2002-06-24	3	.	12	.	0		get it	
NP-17	2002-09-17	3	.	13	.	0		get it	
NP-18	2003-01-02	3	.	14	.	0		get it	
NP-19	2003-03-24	3	.	15	.	0		get it	
NP-20	2003-06-27	3	.	16	.	0		get it	
NP-21	2003-10-10	3	.	17	.	0		get it	
NP-23		3	.	18	.	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:* Peter Skov KYMALAINEN, Kimmo

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0		get it	<i>remarks - general:</i>
NP-08	2000-06-23	3	.	1	.	0		get it	<i>remarks - this release:</i>
NP-14	2002-01-10	3	.	2	.	0		get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
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TS 24.011 Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface

R99 *current version:* 3.6.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-05

G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,

NP-05	1999-10-13	3	.	0	.	0
NP-06	1999-12-17	3	.	1	.	0
NP-07	2000-03-15	3	.	2	.	0
NP-08	2000-06-23	3	.	3	.	0
NP-09	2000-10-06	3	.	4	.	0
NP-10	2001-01-02	3	.	5	.	0
NP-11	2001-04-06	3	.	6	.	0

[get it](#)

remarks - general: Transfer>TSG#4

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 24.022 Radio Link Protocol (RLP) for circuit switched bearer and teleservices

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: SP-03

G: yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0
NP-05	1999-10-13	3	.	1	.	0
NP-06	2000-01-11	3	.	2	.	0
NP-08	2000-06-23	3	.	3	.	0
edito	2000-08-17	3	.	3	.	1
NP-09	2000-10-12	3	.	4	.	0
NP-20	2003-06-23	3	.	5	.	0

[get it](#)

remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link

[get it](#)

remarks - this release: Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 24.030 Location Services (LCS); Supplementary service operations; Stage 3

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-08

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-07	2000-03-17	3	.	0	.	0
NP-08	2000-06-23	3	.	1	.	0
NP-12	2001-06-27	3	.	2	.	0
NP-14	2002-01-10	3	.	3	.	0

[get it](#)

remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.

[get it](#)

remarks - this release: TSG#7:Decision to create.

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 24 .- series
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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 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-10 2000-12-21 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-12 2001-06-27 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 1999-04-23 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:* 3.7.1 *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 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 1999-12-17 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 2000-03-15 3 . 2 . 0 [get it](#)
NP-08 2000-06-23 3 . 3 . 0 [get it](#)
NP-09 2000-10-26 3 . 4 . 0 [get it](#)
ASN.1 annex 2001-01-24 3 . 4 . 1 [get it](#)
updated
NP-12 2001-07-04 3 . 5 . 0 [get it](#)
NP-14 2002-01-10 3 . 6 . 0 [get it](#)
NP-16 2002-06-21 3 . 7 . 0 [get it](#)
editorial 2003-10-09 3 . 7 . 1 [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 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-08 2000-06-23 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
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.082	Call Forwarding supplementary service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.087	User-to-User Signalling (UUS); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 1999-04-23 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 1999-04-23 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 1999-04-23 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 1999-04-23 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 1999-04-23 3 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.096 Name Identification Supplementary Service; Stage 3

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version,
NP-07 2000-03-15 3 . 0 . 0
NP-08 2000-06-23 3 . 1 . 0
NP-14 2002-01-10 3 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
G: *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

R99 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

R99 current version: 3.17.0

freeze_meeting: SP-05

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0
and Scope

[get it](#) remarks - general:
remarks - this release:

RP-03 1999-04-23 1 . 0 . 0

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RP-04 1999-06-23 2 . 0 . 0

[get it](#)

RP-05 1999-10-13 3 . 0 . 0

[get it](#)

RP-06 1999-12-17 3 . 1 . 0

[get it](#)

RP-07 2000-03-15 3 . 2 . 0

[get it](#)

Editorial 2000-03-15 3 . 2 . 1

[get it](#)

Editorial 2000-04-25 3 . 2 . 2

[get it](#)

RP-08 2000-06-23 3 . 3 . 0

[get it](#)

edito 2000-07-31 3 . 3 . 1

[get it](#)

RP-09 2000-10-13 3 . 4 . 0

[get it](#)

edito 2000-11-10 3 . 4 . 1

[get it](#)

RP-10 2001-01-02 3 . 5 . 0

[get it](#)

RP-11 2001-04-05 3 . 6 . 0

[get it](#)

RP-12 2001-06-29 3 . 7 . 0

[get it](#)

RP-13 2001-10-03 3 . 8 . 0

[get it](#)

RP-14 2002-01-14 3 . 9 . 0

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RP-15 2002-03-29 3 . 10 . 0

[get it](#)

RP-16 2002-07-01 3 . 11 . 0

[get it](#)

RP-18 2003-01-10 3 . 12 . 0

[get it](#)

RP-19 2003-04-04 3 . 13 . 0

[get it](#)

RP-20 2003-06-27 3 . 14 . 0

[get it](#)

RP-21 2003-10-10 3 . 15 . 0

[get it](#)

RP-22 2004-01-20 3 . 16 . 0

[get it](#)

RP-23 3 . 17 . 0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.102 User Equipment (UE) radio transmission and reception (TDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

First complete 1999-03-04 1 . 0 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-17 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-18 3 . 4 . 0

RP-10 2000-12-22 3 . 5 . 0

RP-11 2001-04-05 3 . 6 . 0

RP-12 2001-06-29 3 . 7 . 0

RP-13 2001-10-03 3 . 8 . 0

RP-14 2002-01-14 3 . 9 . 0

RP-15 2002-03-29 3 . 10 . 0

RP-16 2002-07-01 3 . 11 . 0

RP-17 2002-10-02 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 Base Station (BS) radio transmission and reception (FDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0
and Scope

RP-03 1999-04-23 1 . 0 . 0

RP-04 1999-06-23 2 . 0 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-17 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-13 3 . 4 . 0

RP-10 2000-12-22 3 . 5 . 0

RP-11 2001-04-05 3 . 6 . 0

RP-12 2001-06-29 3 . 7 . 0

RP-13 2001-10-03 3 . 8 . 0

RP-14 2002-01-14 3 . 9 . 0

RP-15 2002-03-29 3 . 10 . 0

RP-18 2003-01-10 3 . 11 . 0

RP-19 2003-04-04 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

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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	1999-03-04	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	1	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-17	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-11	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-29	3	.	7	.	0
RP-13	2001-10-03	3	.	8	.	0
RP-14	2002-01-16	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-16	2002-07-01	3	.	11	.	0
RP-18	2003-01-10	3	.	12	.	0
RP-19	2003-04-04	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	1999-04-23	0	.	0	.	0
RP-05	1999-10-13	1	.	2	.	0
RP-06	1999-12-12	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-13	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
RP-11	2001-04-05	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:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.123 Requirements for support of radio resource management (TDD)

R99 current version: 3.14.0

freeze_meeting: SP-06

history (event, available, version,

RP-06	1999-12-17	3	.	0	.	0
RP-07	2000-03-17	3	.	1	.	0
edito	2000-04-27	3	.	1	.	1
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-11	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
RP-11	2001-04-05	3	.	5	.	0
RP-12	2001-06-29	3	.	6	.	0
RP-13	2001-10-03	3	.	7	.	0
RP-14	2002-01-16	3	.	8	.	0
RP-15	2002-03-19	3	.	9	.	0
RP-16	2002-07-03	3	.	10	.	0
RP-17	2002-10-04	3	.	11	.	0
RP-19	2003-04-04	3	.	12	.	0
RP-20	2003-07-01	3	.	13	.	0
RP-22	2004-01-20	3	.	14	.	0

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.133 Requirements for support of radio resource management (FDD)

R99 current version: 3.17.0

freeze_meeting: SP-06

history (event, available, version,

RP-06	1999-12-17	3	.	0	.	0
RP-07	2000-03-17	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-18	3	.	3	.	0
RP-10	2001-01-09	3	.	4	.	0
RP-11	2001-04-05	3	.	5	.	0
RP-12	2001-06-29	3	.	6	.	0
RP-13	2001-10-03	3	.	7	.	0
RP-14	2002-01-17	3	.	8	.	0
RP-15	2002-03-19	3	.	9	.	0
RP-16	2002-07-04	3	.	10	.	0
RP-17	2002-10-04	3	.	11	.	0
RP-18	2003-01-10	3	.	12	.	0
RP-19	2003-04-04	3	.	13	.	0
RP-20	2003-07-01	3	.	14	.	0
RP-21	2003-10-10	3	.	15	.	0
RP-22	2004-01-23	3	.	16	.	0
RP-23		3	.	17	.	0

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base Station (BS) conformance testing (FDD)

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 1
and Scope

First complete 1999-04-23 0 . 1 . 0

RP-03 1999-04-23 0 . 1 . 0

RP-04 1999-06-23 1 . 0 . 0

RP-05 1999-10-13 2 . 0 . 2

RP-06 1999-12-12 3 . 0 . 0

RP-07 2000-03-15 3 . 1 . 0

RP-08 2000-06-23 3 . 2 . 0

RP-09 2000-10-11 3 . 3 . 0

RP-10 2000-12-22 3 . 4 . 0

edito 2001-01-09 3 . 4 . 1

RP-11 2001-04-05 3 . 5 . 0

RP-12 2001-06-29 3 . 6 . 0

RP-13 2001-10-03 3 . 7 . 0

RP-14 2002-01-16 3 . 8 . 0

RP-15 2002-03-29 3 . 9 . 0

RP-16 2002-07-04 3 . 10 . 0

RP-17 2002-10-04 3 . 11 . 0

RP-18 2003-01-10 3 . 12 . 0

RP-19 2003-04-04 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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base Station (BS) conformance testing (TDD)

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

RP-03	1999-04-23	0	.	0	.	0
RP-04	1999-06-23	0	.	0	.	1
RP-05	1999-10-13	2	.	0	.	0
RP-06	1999-12-12	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
edito	2000-07-31	3	.	2	.	1
RP-09	2000-10-11	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
RP-11	2001-04-05	3	.	5	.	0
RP-12	2001-06-29	3	.	6	.	0
RP-13	2001-10-03	3	.	7	.	0
RP-14	2002-01-16	3	.	8	.	0
RP-15	2002-03-29	3	.	9	.	0
RP-16	2002-07-04	3	.	10	.	0
RP-17	2002-10-04	3	.	11	.	0
RP-18	2003-01-10	3	.	12	.	0
RP-19	2003-04-04	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:
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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 25.201 Physical layer - general description

R99 *current version:* 3.4.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* GERSTENBERGER, Telefon AB LM Ericsson

G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,

Table of Contents 1998-10-16 0 . 0 . 0
and Scope

[get it](#) *remarks - general:*
remarks - this release:

First complete 1999-02-15 1 . 0 . 0

[get it](#)

RP-03 1999-04-23 2 . 0 . 0

[get it](#)

RP-04 1999-06-23 2 . 1 . 0

[get it](#)

RP-05 1999-10-13 3 . 0 . 0

[get it](#)

RP-07 2000-03-15 3 . 0 . 2

[get it](#)

RP-08 2000-06-23 3 . 1 . 0

[get it](#)

RP-14 2002-01-09 3 . 2 . 0

[get it](#)

RP-15 2002-03-29 3 . 3 . 0

[get it](#)

RP-16 2002-06-28 3 . 4 . 0

[get it](#)

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99 *current version:* 3.12.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB

G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0
and Scope

[get it](#) *remarks - general:*
remarks - this release:

First complete 1999-03-04 1 . 0 . 0

[get it](#)

RP-03 1999-04-23 2 . 0 . 0

[get it](#)

RP-04 1999-06-23 2 . 1 . 0

[get it](#)

RP-05 1999-10-13 3 . 0 . 0

[get it](#)

RP-06 1999-12-12 3 . 1 . 0

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RP-07 2000-03-15 3 . 2 . 0

[get it](#)

RP-08 2000-06-23 3 . 3 . 0

[get it](#)

RP-09 2000-10-18 3 . 4 . 0

[get it](#)

RP-10 2000-12-22 3 . 5 . 0

[get it](#)

RP-11 2001-04-05 3 . 6 . 0

[get it](#)

RP-12 2001-06-28 3 . 7 . 0

[get it](#)

RP-13 2001-10-08 3 . 8 . 0

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RP-14 2002-01-09 3 . 9 . 0

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RP-15 2002-03-29 3 . 10 . 0

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RP-16 2002-06-28 3 . 11 . 0

[get it](#)

RP-17 2002-09-27 3 . 12 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs 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 1999-02-04 0 . 0 . 0

and Scope

RP-03 1999-04-23 1 . 0 . 0

RP-04 1999-06-23 2 . 0 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-12 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-18 3 . 4 . 0

RP-10 2000-12-22 3 . 5 . 0

RP-12 2001-06-28 3 . 6 . 0

RP-13 2001-10-08 3 . 7 . 0

RP-14 2002-01-09 3 . 8 . 0

RP-15 2002-03-29 3 . 9 . 0

RP-16 2002-06-28 3 . 10 . 0

RP-17 2002-09-27 3 . 11 . 0

WG (prime / other): R1 / - rapporteur: MICHEL, Jürgen
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 25.213 Spreading and modulation (FDD)

R99 current version: 3.9.0

freeze_meeting: SP-05

history (event, available, version,

draft	1999-02-04	0	.	0	.	0
draft	1999-03-04	1	.	0	.	0
RP-03	1999-04-23	2	.	0	.	0
RP-04	1999-06-23	2	.	1	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
RP-11	2001-04-05	3	.	5	.	0
RP-12	2001-06-28	3	.	6	.	0
RP-14	2002-01-09	3	.	7	.	0
RP-16	2002-06-28	3	.	8	.	0
RP-22	2004-01-14	3	.	9	.	0

WG (prime / other): R1 / - rapporteur: WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

RP-03	1999-04-23	1	.	0	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-19	2003-04-04	3	.	12	.	0

WG (prime / other): R1 / - rapporteur: BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-20	2003-06-27	3	.	12	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: SUZUKI, Hidetoshi

MCC: SASAKI, Tsukasa

Panasonic Mobile Communications Co.,Ltd.

[get it](#) remarks - general:
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TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	1999-02-04	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	1	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-15	2002-03-29	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: CHAPMAN, Thomas

MCC: SASAKI, Tsukasa

SIEMENS AG

[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 25.222 Multiplexing and channel coding (TDD)

R99 current version: 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

RP-03 1999-04-23 1 . 0 . 0

RP-04 1999-06-23 2 . 0 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-12 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

edito 2000-05-03 3 . 2 . 1

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-18 3 . 4 . 0

RP-10 2000-12-22 3 . 5 . 0

RP-11 2001-04-05 3 . 6 . 0

RP-13 2001-10-08 3 . 7 . 0

RP-15 2002-03-29 3 . 8 . 0

RP-16 2002-06-28 3 . 9 . 0

RP-17 2002-09-27 3 . 10 . 0

WG (prime / other): R1 / - rapporteur: BEALE, Martin
G: U: yes MCC: SASAKI, Tsukasa

IPWireless Inc.

[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 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* ANDERSON, Nicholas IPWireless Inc.
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
Creation of WI by 1999-01-15 0 . 0 . 0
WG/TB
First complete 1999-03-04 1 . 0 . 0
RP-03 1999-04-23 2 . 0 . 0
RP-04 1999-06-23 2 . 1 . 0
RP-05 1999-10-13 3 . 0 . 0
RP-06 1999-12-12 3 . 1 . 0
RP-07 2000-03-15 3 . 2 . 0
RP-08 2000-06-23 3 . 3 . 0
RP-09 2000-10-18 3 . 4 . 0
RP-11 2001-04-05 3 . 5 . 0
RP-12 2001-06-28 3 . 6 . 0
RP-13 2001-10-08 3 . 7 . 0
RP-15 2002-03-29 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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.224 Physical layer procedures (TDD)

R99	<i>current version:</i> 3.13.0				
	<i>freeze_meeting:</i> SP-05				
<i>history (event, available, version,</i>					
Table of Contents	1999-02-04	0	.	0	. 0
and Scope					
RP-03	1999-04-23	1	.	0	. 0
RP-05	1999-10-13	3	.	0	. 0
RP-06	1999-12-12	3	.	1	. 0
RP-07	2000-03-15	3	.	2	. 0
RP-08	2000-06-23	3	.	3	. 0
RP-09	2000-10-18	3	.	4	. 0
RP-10	2000-12-22	3	.	5	. 0
RP-11	2001-04-05	3	.	6	. 0
RP-12	2001-06-28	3	.	7	. 0
RP-13	2001-10-08	3	.	8	. 0
RP-14	2002-01-09	3	.	9	. 0
RP-15	2002-03-29	3	.	10	. 0
RP-17	2002-09-27	3	.	11	. 0
RP-18	2003-01-07	3	.	12	. 0
RP-21	2003-09-29	3	.	13	. 0

WG (prime / other): R1 / - *rapporteur:* RUDOLF, Marian
G: U: yes *MCC:* SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS

[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 25.225 Physical layer; Measurements (TDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-18	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-04-05	3	.	6	.	0
RP-12	2001-06-28	3	.	7	.	0
RP-13	2001-10-08	3	.	8	.	0
RP-14	2002-01-09	3	.	9	.	0
RP-16	2002-06-28	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-20	2003-06-27	3	.	12	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: CZAPLA, Liliana

MCC: SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 25.301 Radio Interface Protocol Architecture

R99 current version: 3.11.0

freeze_meeting: SP-03

history (event, available, version,

Table of Contents and Scope	1999-02-04	0	.	0	.	0
First complete	1999-03-04	1	.	0	.	0
WG approval	1999-04-16	2	.	0	.	0
RP-03	1999-04-23	3	.	0	.	0
RP-04	1999-06-23	3	.	1	.	0
RP-05	1999-10-13	3	.	2	.	0
RP-06	1999-12-17	3	.	3	.	0
RP-07	2000-03-15	3	.	4	.	0
RP-08	2000-06-30	3	.	5	.	0
RP-09	2000-10-16	3	.	6	.	0
RP-11	2001-03-27	3	.	7	.	0
RP-12	2001-06-19	3	.	8	.	0
RP-14	2002-01-04	3	.	9	.	0
RP-16	2002-06-17	3	.	10	.	0
RP-17	2002-09-18	3	.	11	.	0

WG (prime / other): R2 / -

G: U: yes

rapporteur: GRANZOW, Wolfgang

MCC: ARZELIER, Claude

ERICSSON Eurolab Deutschland GmbH

[get it](#) remarks - general:
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.302 Services provided by the physical layer

R99 current version: 3.16.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0
and Scope

First complete 1999-03-04 1 . 0 . 0

RP-03 1999-04-23 2 . 0 . 0

RP-04 1999-06-23 2 . 3 . 0

RP-05 1999-10-13 3 . 1 . 0

RP-06 1999-12-12 3 . 2 . 0

RP-07 2000-03-15 3 . 4 . 0

RP-08 2000-06-23 3 . 5 . 0

RP-09 2000-10-16 3 . 6 . 0

RP-10 2000-12-20 3 . 7 . 0

RP-11 2001-03-27 3 . 8 . 0

RP-12 2001-06-19 3 . 9 . 0

RP-13 2001-10-02 3 . 10 . 0

RP-14 2002-01-04 3 . 11 . 0

RP-15 2002-03-19 3 . 12 . 0

RP-16 2002-06-17 3 . 13 . 0

RP-17 2002-09-18 3 . 14 . 0

RP-18 2002-12-20 3 . 15 . 0

RP-21 2003-10-02 3 . 16 . 0

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: U: yes MCC: ARZELIER, Claude

[get it](#)

remarks - general:

V3.0.0 approved via e-mail July 99 CR at TSG#5?

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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 1999-02-04 0 . 0 . 0
and Scope

First complete 1999-03-04 1 . 0 . 0

RP-03 1999-04-23 2 . 0 . 0

RP-04 1999-06-23 3 . 0 . 0

RP-05 1999-10-13 3 . 1 . 0

RP-06 1999-12-12 3 . 2 . 0

RP-07 2000-03-15 3 . 3 . 0

RP-08 2000-06-23 3 . 4 . 0

RP-09 2000-10-16 3 . 5 . 0

RP-10 2000-12-20 3 . 6 . 0

RP-11 2001-03-27 3 . 7 . 0

RP-12 2001-06-19 3 . 8 . 0

RP-13 2001-10-02 3 . 9 . 0

RP-14 2002-01-04 3 . 10 . 0

RP-15 2002-03-19 3 . 11 . 0

RP-16 2002-06-17 3 . 12 . 0

WG (prime / other): R2 / - rapporteur: RINNE, Mikko J
G: U: yes MCC: ARZELIER, Claude

Nokia Research Center

[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 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

R99 current version: 3.14.0

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	1999-01-15	0	.	1	.	1
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	2	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-16	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-03-27	3	.	6	.	0
RP-12	2001-06-27	3	.	7	.	0
RP-13	2001-10-02	3	.	8	.	0
RP-14	2002-01-04	3	.	9	.	0
RP-15	2002-03-19	3	.	10	.	0
RP-16	2002-06-17	3	.	11	.	0
RP-18	2003-01-08	3	.	12	.	0
RP-20	2003-06-25	3	.	13	.	0
RP-23		3	.	14	.	0

[get it](#) remarks - general:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 *current version:* 3.11.0 *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	1999-10-13	1	.	4	.	0	
RP-06	1999-12-17	3	.	0	.	0	get it <i>remarks - general:</i> Created from 25.923
RP-07	2000-03-15	3	.	1	.	0	get it <i>remarks - this release:</i>
RP-08	2000-06-23	3	.	2	.	0	get it
RP-09	2000-10-16	3	.	3	.	0	get it
RP-10	2000-12-22	3	.	4	.	0	get it
RP-11	2001-03-27	3	.	5	.	0	get it
RP-12	2001-06-19	3	.	6	.	0	get it
RP-14	2002-01-04	3	.	7	.	0	get it
RP-15	2002-03-19	3	.	8	.	0	get it
RP-20	2003-06-20	3	.	9	.	0	get it
RP-21	2003-10-02	3	.	10	.	0	get it
RP-22	2004-01-12	3	.	11	.	0	get it

TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.10.0 *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	2000-12-22	3	.	0	.	0	
RP-11	2001-03-27	3	.	1	.	0	get it <i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-12	2001-06-19	3	.	2	.	0	get it <i>remarks - this release:</i> Converted from TR 25.926 v3.2.0 Nov 00.
RP-13	2001-10-02	3	.	3	.	0	get it
RP-14	2002-01-04	3	.	4	.	0	get it
RP-15	2002-03-19	3	.	5	.	0	get it
RP-16	2002-06-17	3	.	6	.	0	get it
RP-18	2003-01-08	3	.	7	.	0	get it
RP-20	2003-06-20	3	.	8	.	0	get it
RP-21	2003-10-02	3	.	9	.	0	get it
RP-22	2004-01-12	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	ID	Title	WG (prime / other):	R2	/	R4	rapporteur:	
TS	25.307	Requirements on UEs supporting a release-independent frequency band		R2	/	R4	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)
R99		current version: 3.3.0	G:				U: yes	MCC: ARZELIER, Claude
		freeze_meeting: RP-13						
		history (event, available, version,						
		RP-12 2001-06-27 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 2001-10-01 2 . 1 . 0						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 2001-10-02 3 . 0 . 0						Was approved after all! get it
		RP-14 2002-01-04 3 . 1 . 0						get it
		RP-22 2004-01-12 3 . 2 . 0						get it
		RP-23 3 . 3 . 0						
TS	25.321	Medium Access Control (MAC) protocol specification		R2	/	-	STADLER, Thomas	SIEMENS AG
R99		current version: 3.16.0	G:				U: yes	MCC: ARZELIER, Claude
		freeze_meeting: TP-04						
		history (event, available, version,						
		Table of Contents 1999-02-04 0 . 0 . 0						get it <i>remarks - general:</i>
		and Scope						<i>remarks - this release:</i>
		draft 1999-03-04 1 . 0 . 0						get it
		RP-03 1999-04-23 2 . 0 . 0						get it
		RP-04 1999-06-23 3 . 0 . 0						get it
		RP-05 1999-10-13 3 . 1 . 0						get it
		RP-06 1999-12-12 3 . 2 . 0						get it
		RP-07 2000-03-15 3 . 3 . 0						get it
		RP-08 2000-06-23 3 . 4 . 0						get it
		RP-09 2000-10-16 3 . 5 . 0						get it
		RP-10 2000-12-20 3 . 6 . 0						get it
		RP-11 2001-03-27 3 . 7 . 0						get it
		RP-12 2001-06-19 3 . 8 . 0						get it
		RP-13 2001-10-02 3 . 9 . 0						get it
		RP-14 2002-01-04 3 . 10 . 0						get it
		RP-15 2002-03-19 3 . 11 . 0						get it
		RP-16 2002-06-17 3 . 12 . 0						get it
		RP-17 2002-09-18 3 . 13 . 0						get it
		RP-18 2003-01-08 3 . 14 . 0						get it
		RP-19 2003-03-25 3 . 15 . 0						get it
		RP-21 2003-10-02 3 . 16 . 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 25.322 Radio Link Control (RLC) protocol specification

R99 current version: 3.17.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0

and Scope

RP-03 1999-04-23 1 . 0 . 0

RP-04 1999-06-23 1 . 1 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-17 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-16 3 . 4 . 0

RP-10 2000-12-20 3 . 5 . 0

RP-11 2001-03-27 3 . 6 . 0

RP-12 2001-06-19 3 . 7 . 0

RP-13 2001-10-03 3 . 8 . 0

RP-14 2002-01-04 3 . 9 . 0

RP-15 2002-03-19 3 . 10 . 0

RP-16 2002-06-17 3 . 11 . 0

RP-17 2002-09-19 3 . 12 . 0

RP-18 2003-01-10 3 . 13 . 0

RP-19 2003-03-25 3 . 14 . 0

RP-20 2003-06-20 3 . 15 . 0

RP-21 2003-10-02 3 . 16 . 0

RP-22 2004-01-12 3 . 17 . 0

WG (prime / other): R2 / -

G: U: yes

rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION

MCC: ARZELIER, Claude

[get it](#) remarks - general:
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 *current version:* 3.10.0

freeze_meeting: SP-06

history (event, available, version,

RP-05	1999-10-13	0	.	1	.	0
RP-06	1999-12-17	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-06	3	.	3	.	0
RP-11	2001-03-27	3	.	4	.	0
RP-12	2001-06-19	3	.	5	.	0
RP-13	2001-10-02	3	.	6	.	0
RP-14	2002-01-04	3	.	7	.	0
RP-15	2002-03-19	3	.	8	.	0
RP-16	2002-06-17	3	.	9	.	0
RP-17	2002-09-18	3	.	10	.	0

WG (prime / other): R2 / -

G: *U:* yes

rapporteur: HANS, Martin

MCC: ARZELIER, Claude

INFINEON TECHNOLOGIES

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.7.0

freeze_meeting: SP-06

history (event, available, version,

RP-05	1999-10-13	0	.	1	.	0
RP-06	1999-12-17	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-09	2000-10-06	3	.	2	.	0
RP-10	2000-12-20	3	.	3	.	0
RP-11	2001-03-27	3	.	4	.	0
RP-16	2002-06-17	3	.	5	.	0
RP-18	2003-01-13	3	.	6	.	0
RP-19	2003-03-25	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:*

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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 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.18.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0
and Scope

First complete 1999-03-04 1 . 0 . 0

RP-04 1999-06-23 1 . 1 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-12 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-06 3 . 4 . 0

removal of CR 2000-10-06 3 . 4 . 1

RP-10 2000-12-21 3 . 5 . 0

RP-11 2001-03-27 3 . 6 . 0

RP-12 2001-06-27 3 . 7 . 0

RP-13 2001-10-01 3 . 8 . 0

RP-14 2002-01-04 3 . 9 . 0

RP-15 2002-03-25 3 . 10 . 0

RP-16 2002-06-17 3 . 11 . 0

RP-17 2002-09-18 3 . 12 . 0

RP-18 2003-01-09 3 . 13 . 0

RP-19 2003-03-25 3 . 14 . 0

RP-20 2003-06-20 3 . 15 . 0

RP-21 2003-10-02 3 . 16 . 0

RP-22 2004-01-12 3 . 17 . 0

RP-23 3 . 18 . 0

WG (prime / other): R2 / -

G: U: yes

rapporteur: KUCHIBHOTLA, Ravi

MCC: ARZELIER, Claude

MOTOROLA Ltd

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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 25.401 UTRAN overall description

R99 current version: 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 1999-02-04 0 . 0 . 0

and Scope First complete 1999-03-04 1 . 0 . 0

RP-04 1999-06-23 1 . 1 . 1

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-17 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-05 3 . 4 . 0

RP-10 2000-12-21 3 . 5 . 0

RP-11 2001-04-06 3 . 6 . 0

RP-12 2001-07-06 3 . 7 . 0

RP-13 2001-10-12 3 . 8 . 0

RP-15 2002-04-02 3 . 9 . 0

RP-16 2002-06-28 3 . 10 . 0

WG (prime / other): R3 / - rapporteur: GODIN, Philippe NORTEL NETWORKS (EUROPE)

G: U: yes MCC: CALDENHOVEN, Juergen

[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 1999-10-13 0 . 0 . 1

RP-06 1999-12-17 3 . 0 . 0

RP-07 2000-03-17 3 . 1 . 0

RP-08 2000-06-23 3 . 2 . 0

RP-09 2000-10-05 3 . 3 . 0

RP-10 2000-12-22 3 . 4 . 0

RP-11 2001-04-06 3 . 5 . 0

RP-12 2001-07-06 3 . 6 . 0

RP-13 2001-10-12 3 . 7 . 0

RP-14 2002-01-11 3 . 8 . 0

RP-15 2002-04-02 3 . 9 . 0

RP-16 2002-06-28 3 . 10 . 0

WG (prime / other): R3 / - rapporteur: KUNZ, Walter SIEMENS AG

G: U: yes MCC: CALDENHOVEN, Juergen

[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

history (event, available, version,

draft	1999-03-04	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	0
RP-04	1999-06-23	0	.	2	.	1
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-10	2000-12-21	3	.	3	.	0
RP-12	2001-07-06	3	.	4	.	0
RP-13	2001-10-12	3	.	5	.	0
RP-14	2002-01-11	3	.	6	.	0
RP-16	2002-06-28	3	.	7	.	0
RP-17	2002-09-30	3	.	8	.	0

WG (prime / other): R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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

history (event, available, version,

RP-03	1999-04-23	0	.	0	.	0
TB adoption of WI	1999-01-15	0	.	0	.	0
Creation of WI by	1999-01-15	0	.	0	.	0
WG/TB						
RP-04	1999-06-23	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-10	2000-12-21	3	.	3	.	0
RP-11	2001-04-06	3	.	4	.	0
RP-12	2001-07-06	3	.	5	.	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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

WG (prime / other): R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation
G: U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
Table of Contents 1999-02-04 0 . 0 . 0
and Scope
RP-03 1999-04-23 1 . 0 . 0
RP-04 1999-06-23 3 . 0 . 0
RP-05 1999-10-13 3 . 1 . 0
RP-06 1999-12-17 3 . 2 . 0
RP-07 2000-03-15 3 . 3 . 0
RP-08 2000-06-23 3 . 4 . 0
RP-09 2000-10-05 3 . 5 . 0
RP-10 2000-12-21 3 . 6 . 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 25.413 UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling

R99 current version: 3.14.0

WG (prime / other): R3 / -

rapporteur: GUYOT, Olivier

NOKIA Corporation

freeze_meeting: SP-06

G: U: yes

MCC:

CALDENHOVEN, Juergen

history (event, available, version,

draft 1999-02-04 0 . 0 . 0

[get it](#)

remarks - general:

RP-03 1999-04-23 1 . 0 . 0

[get it](#)

remarks - this release:

RP-04 1999-06-23 1 . 0 . 2

[get it](#)

RP-05 1999-10-13 1 . 3 . 1

[get it](#)

RP-06 1999-12-17 3 . 0 . 0

[get it](#)

RP-07 2000-03-15 3 . 1 . 0

[get it](#)

RP-08 2000-06-23 3 . 2 . 0

[get it](#)

RP-09 2000-10-05 3 . 3 . 0

[get it](#)

RP-10 2000-12-22 3 . 4 . 0

[get it](#)

RP-11 2001-04-06 3 . 5 . 0

[get it](#)

RP-12 2001-07-06 3 . 6 . 0

[get it](#)

RP-13 2001-10-12 3 . 7 . 0

[get it](#)

RP-14 2002-01-14 3 . 8 . 0

[get it](#)

RP-15 2002-04-02 3 . 9 . 0

[get it](#)

RP-16 2002-07-05 3 . 10 . 0

[get it](#)

RP-17 2002-09-30 3 . 11 . 0

[get it](#)

edito post RP-17 2002-10-03 3 . 11 . 1

[get it](#)

RP-18 2003-01-03 3 . 12 . 0

[get it](#)

RP-20 2003-06-17 3 . 13 . 0

[get it](#)

RP-21 2003-09-30 3 . 14 . 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 25.414 UTRAN lu interface data transport & transport signalling

R99 current version: 3.13.0

freeze_meeting: SP-04

history (event, available, version,

draft	1999-02-04	0	.	0	.	0
draft	1999-03-04	1	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0
RP-06	1999-12-12	3	.	2	.	0
RP-07	2000-03-15	3	.	3	.	0
RP-08	2000-06-23	3	.	4	.	0
RP-09	2000-10-05	3	.	5	.	0
RP-10	2000-12-21	3	.	6	.	0
RP-11	2001-04-06	3	.	7	.	0
RP-13	2001-10-12	3	.	8	.	0
RP-14	2002-01-14	3	.	9	.	0
RP-15	2002-04-02	3	.	10	.	0
RP-16	2002-06-28	3	.	11	.	0
RP-18	2003-01-03	3	.	12	.	0
RP-19	2003-03-26	3	.	13	.	0

WG (prime / other): R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson
G: U: yes MCC: CALDENHOVEN, Juergen

[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 25.415 UTRAN Iu interface user plane protocols

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

WG approval	1999-03-19	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	0
RP-04	1999-06-23	0	.	1	.	3
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-17	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-05	3	.	4	.	0
RP-10	2000-12-21	3	.	5	.	0
RP-11	2001-04-06	3	.	6	.	0
RP-12	2001-07-06	3	.	7	.	0
RP-13	2001-10-12	3	.	8	.	0
RP-14	2002-01-14	3	.	9	.	0
RP-15	2002-03-25	3	.	10	.	0
RP-16	2002-06-28	3	.	11	.	0
RP-17	2002-09-26	3	.	12	.	0

WG (prime / other): R3 / - rapporteur: ISRAELSSON, Martin Telefon AB LM Ericsson
G: U: yes MCC: CALDENHOVEN, Juergen

[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 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 *current version:* 3.11.0 *WG (prime / other):* R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
freeze_meeting: SP-07 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

RP-06	1999-12-17	0	.	0	.	0		get it	<i>remarks - general:</i>
RP-07		2	.	0	.	0	RP-000113		<i>remarks - this release:</i>
RP-07	2000-03-15	3	.	0	.	0		get it	
RP-08	2000-06-23	3	.	1	.	0		get it	
RP-09	2000-10-05	3	.	2	.	0		get it	
RP-10	2000-12-21	3	.	3	.	0		get it	
RP-11	2001-04-06	3	.	4	.	0		get it	
RP-12	2001-07-06	3	.	5	.	0		get it	
RP-13	2001-10-12	3	.	6	.	0		get it	
RP-14	2002-01-11	3	.	7	.	0		get it	
RP-15	2002-04-02	3	.	8	.	0		get it	
RP-16	2002-06-28	3	.	9	.	0		get it	
RP-17	2002-09-30	3	.	10	.	0		get it	
RP-20	2003-06-17	3	.	11	.	0		get it	

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0 *WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
freeze_meeting: SP-06 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

RP-03	1999-04-23	0	.	1	.	0		get it	<i>remarks - general:</i>
RP-04	1999-06-23	0	.	1	.	3		get it	<i>remarks - this release:</i>
RP-05	1999-10-13	1	.	0	.	1		get it	
RP-06	1999-12-12	3	.	0	.	0		get it	
RP-07	2000-03-15	3	.	1	.	0		get it	
RP-09	2000-10-05	3	.	2	.	0		get it	
RP-11	2001-04-05	3	.	3	.	0		get it	
RP-14	2002-01-11	3	.	4	.	0		get it	
RP-15	2002-04-02	3	.	5	.	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 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
RP-03 1999-04-23 0 . 0 . 0
RP-04 1999-06-23 3 . 0 . 0
RP-11 2001-04-06 3 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 25.422 UTRAN Iur interface signalling transport

R99 *current version:* 3.6.1
freeze_meeting: SP-04
history (event, available, version,
WG approval 1999-03-19 0 . 0 . 0
RP-03 1999-04-23 0 . 1 . 0
RP-04 1999-06-23 3 . 0 . 0
RP-05 1999-10-13 3 . 1 . 0
RP-06 1999-12-12 3 . 2 . 0
RP-07 2000-03-15 3 . 3 . 0
RP-08 2000-06-23 3 . 4 . 0
edito 2000-10-05 3 . 4 . 1
RP-10 2000-12-21 3 . 5 . 0
RP-14 2002-01-11 3 . 6 . 0
edito post RP-14 2002-04-02 3 . 6 . 1

WG (prime / other): R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[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 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

R99 current version: 3.14.0

WG (prime / other): R3 / - rapporteur: ERICSSON, Ingela Telefon AB LM Ericsson

freeze_meeting: SP-06

G: U: yes MCC: CALDENHOVEN, Juergen

history (event, available, version,

draft	1999-03-19	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	1	.	1
RP-05	1999-10-13	1	.	4	.	0
RP-06	1999-12-12	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-05	3	.	3	.	0
RP-10	2001-01-02	3	.	4	.	0
RP-11	2001-04-06	3	.	5	.	0
RP-12	2001-07-06	3	.	6	.	0
RP-13	2001-10-12	3	.	7	.	0
RP-14	2002-01-11	3	.	8	.	0
RP-15	2002-04-02	3	.	9	.	0
RP-16	2002-07-05	3	.	10	.	0
RP-17	2002-09-30	3	.	11	.	0
RP-18	2003-01-03	3	.	12	.	0
RP-19	2003-03-26	3	.	13	.	0
RP-21	2003-09-30	3	.	14	.	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 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

WG approval	1999-03-19	0	.	0	.	0		get it	<i>remarks - general:</i>
RP-03	1999-04-23	1	.	0	.	0		get it	<i>remarks - this release:</i>
RP-04	1999-06-23	3	.	0	.	0		get it	
RP-06	1999-12-12	3	.	1	.	0		get it	
RP-05	1999-10-13	3	.	1	.	0		get it	
RP-07	2000-03-15	3	.	2	.	0		get it	
RP-08	2000-06-23	3	.	3	.	0		get it	
RP-09	2000-10-05	3	.	4	.	0		get it	
RP-10	2000-12-21	3	.	5	.	0		get it	
RP-11	2001-04-06	3	.	6	.	0		get it	
RP-14	2002-01-11	3	.	7	.	0		get it	
RP-15	2002-04-02	3	.	8	.	0		get it	
RP-16	2002-06-28	3	.	9	.	0		get it	

TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

draft	1999-03-19	0	.	0	.	0		get it	<i>remarks - general:</i>
RP-03	1999-04-23	0	.	1	.	0		get it	<i>remarks - this release:</i>
RP-04	1999-06-23	0	.	2	.	0		get it	
RP-05	1999-10-13	0	.	2	.	5		get it	
RP-06	1999-12-12	3	.	0	.	0		get it	
RP-07	2000-03-15	3	.	1	.	0		get it	
RP-08	2000-06-23	3	.	2	.	0		get it	
RP-10	2000-12-21	3	.	3	.	0		get it	
RP-11	2001-04-06	3	.	4	.	0		get it	
RP-13	2001-10-12	3	.	5	.	0		get it	
RP-14	2002-01-11	3	.	6	.	0		get it	
RP-15	2002-04-02	3	.	7	.	0		get it	
RP-22	2004-01-13	3	.	8	.	0		get it	

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.426 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: CALDENHOVEN, Juergen

history (event, available, version,

WG approval	1999-03-19	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	3	.	0	.	0
RP-05	1999-10-13	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-05	3	.	4	.	0
RP-10	2000-12-21	3	.	5	.	0
RP-11	2001-04-06	3	.	6	.	0
RP-14	2002-01-11	3	.	7	.	0
RP-15	2002-04-04	3	.	8	.	0
RP-16	2002-06-28	3	.	9	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

R99 current version: 3.11.0 WG (prime / other): R3 / - rapporteur: HAKULI, Tuomas NOKIA Corporation
freeze_meeting: SP-05 G: U: yes MCC: CALDENHOVEN, Juergen

history (event, available, version,

RP-03	1999-04-23	0	.	1	.	0
RP-04	1999-06-23	0	.	2	.	1
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-05	3	.	4	.	0
RP-10	2000-12-21	3	.	5	.	0
RP-11	2001-04-06	3	.	6	.	0
RP-12	2001-07-06	3	.	7	.	0
RP-13	2001-10-12	3	.	8	.	0
RP-14	2002-01-11	3	.	9	.	0
RP-18	2003-01-03	3	.	10	.	0
RP-22	2004-01-13	3	.	11	.	0

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[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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 (prime / other): R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

WG approval 1999-03-19 0 . 0 . 0
RP-03 1999-04-23 0 . 1 . 0
RP-04 1999-06-23 0 . 1 . 2
RP-05 1999-10-13 2 . 0 . 0
RP-06 1999-12-12 3 . 0 . 0
RP-07 2000-03-15 3 . 1 . 0
RP-08 2000-06-23 3 . 2 . 0
RP-09 2000-10-05 3 . 3 . 0
RP-10 2000-12-21 3 . 4 . 0
RP-11 2001-04-06 3 . 5 . 0
RP-12 2001-07-06 3 . 6 . 0
RP-14 2002-01-11 3 . 7 . 0
RP-16 2002-06-28 3 . 8 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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,

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

RP-03 1999-04-23 0 . 0 . 0
Creation of WI by 1999-01-15 0 . 0 . 0
WG/TB
RP-04 1999-06-23 3 . 0 . 0
RP-11 2001-04-06 3 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

WG approval 1999-03-19 0 . 0 . 0
RP-03 1999-04-23 1 . 0 . 0
RP-04 1999-06-23 3 . 0 . 0
RP-05 1999-10-13 3 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN Iub interface NBAP signalling

R99 current version: 3.14.0

freeze_meeting: SP-06

history (event, available, version,

WG approval	1999-03-19	0	.	0	.	0
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	0	.	2
RP-05	1999-10-13	1	.	3	.	0
RP-06	1999-12-12	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-05	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
edito	2001-02-01	3	.	4	.	1
RP-11	2001-04-06	3	.	5	.	0
RP-12	2001-07-06	3	.	6	.	0
RP-13	2001-10-12	3	.	7	.	0
RP-14	2002-01-11	3	.	8	.	0
RP-15	2002-04-04	3	.	9	.	0
RP-16	2002-07-19	3	.	10	.	0
RP-17	2002-09-30	3	.	11	.	0
RP-18	2003-01-03	3	.	12	.	0
RP-19	2003-03-31	3	.	13	.	0
RP-21	2003-09-30	3	.	14	.	0

WG (prime / other): R3 / - rapporteur: SEHEDIC, Yann NORTEL NETWORKS (EUROPE)

G: U: yes MCC: CALDENHOVEN, Juergen

[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 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
draft 1999-03-19 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 1999-04-23 1 . 0 . 0 [get it](#) *remarks - this release:*
RP-04 1999-06-23 3 . 0 . 0 [get it](#)
RP-05 1999-10-13 3 . 1 . 0 [get it](#)
RP-07 2000-03-15 3 . 2 . 0 [get it](#)
RP-09 2000-10-05 3 . 3 . 0 [get it](#)
RP-10 2000-12-21 3 . 4 . 0 [get it](#)
RP-11 2001-04-06 3 . 5 . 0 [get it](#)
RP-14 2002-01-11 3 . 6 . 0 [get it](#)
RP-15 2002-04-02 3 . 7 . 0 [get it](#)
RP-16 2002-06-28 3 . 8 . 0 [get it](#)

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99 *current version:* 3.11.0 *WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,
RP-03 1999-04-23 0 . 1 . 0 [get it](#) *remarks - general:*
RP-04 1999-06-23 0 . 2 . 1 [get it](#) *remarks - this release:*
RP-05 1999-10-13 3 . 0 . 0 [get it](#)
RP-06 1999-12-12 3 . 1 . 0 [get it](#)
RP-07 2000-03-15 3 . 2 . 0 [get it](#)
RP-08 2000-06-23 3 . 3 . 0 [get it](#)
RP-09 2000-10-10 3 . 4 . 0 [get it](#)
RP-10 2000-12-21 3 . 5 . 0 [get it](#)
RP-11 2001-04-06 3 . 6 . 0 [get it](#)
RP-12 2001-07-06 3 . 7 . 0 [get it](#)
RP-13 2001-10-12 3 . 8 . 0 [get it](#)
RP-14 2002-01-11 3 . 9 . 0 [get it](#)
RP-15 2002-04-02 3 . 10 . 0 [get it](#)
RP-22 2004-01-13 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 25.442	UTRAN implementation-specific O&M transport								
R99	current version: 3.1.0		WG (prime / other):	R3 / -	rapporteur:	HAUSER, Alexander	Indicate persons who left Company and wait for new One		
	freeze_meeting: SP-05		G:	U: yes	MCC:	CALDENHOVEN, Juergen			
	history (event, available, version,								
	RP-03 1999-04-23	0 . 0 . 0			get it	remarks - general:			
	RP-04 1999-06-23	0 . 0 . 2			get it	remarks - this release:			
	RP-05 1999-10-13	3 . 0 . 0			get it				
	RP-07 2000-03-15	3 . 1 . 0			get it				

TR 25.832	Manifestations of Handover and SRNS relocation								
R99	current version: 3.0.0		WG (prime / other):	R3 / -	rapporteur:	TOWNEND, Richard	mmO2 plc		
	freeze_meeting: SP-05		G:	U: yes	MCC:	CALDENHOVEN, Juergen			
	history (event, available, version,								
	First complete 1999-03-04	0 . 0 . 0			get it	remarks - general:			
	WG approval 1999-03-19	1 . 0 . 0			get it	remarks - this release: .			
	RP-03 1999-04-23	2 . 0 . 0			get it				
	RP-04 1999-06-23	2 . 1 . 1			get it				
	RP-05 1999-10-13	3 . 0 . 0			get it				

TR 25.833	Physical layer items not for inclusion in Release 99								
R99	current version: 3.0.0		WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu	NEC Corporation		
	freeze_meeting: SP-06		G:	U: yes	MCC:	SASAKI, Tsukasa			
	history (event, available, version,								
	RP-08 2001-01-12	1 . 1 . 0			get it	remarks - general: Created Jan 2000 (aka R1.03)			
	RP-22	2 . 0 . 0				remarks - this release: 2003-11-28: WG Chairman intends that this be brought under change control at RP-22.			
	RP-22 2004-01-14	3 . 0 . 0			get it				

TR 25.853	Delay budget within the access stratum								
R99	current version: 3.1.0		WG (prime / other):	R3 / -	rapporteur:	VON BRANDT, Armin	SIEMENS AG		
	freeze_meeting: RP-11		G:	U: yes	MCC:	CALDENHOVEN, Juergen			
	history (event, available, version,								
	draft 2001-04-06	0 . 0 . 0			get it	remarks - general: Was 25.932. Approved and renumbered at TSG#10.			
	RP-10 2000-12-22	3 . 0 . 0			get it	remarks - this release: TSG#10:3.0.0 (is evidently R99 not Rel-4)			
	RP-11 2001-04-06	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

TR 25.921 Guidelines and principles for protocol description and error handling

R99	<i>current version:</i> 3.10.0	WG (<i>prime / other</i>):	R2 / -	<i>rapporteur:</i>	KALLA, Gairn	NOKIA UK Ltd
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
<i>history (event, available, version,</i>						
Table of Contents	1999-02-04	0 . 0 . 0	get it	<i>remarks - general:</i>		
and Scope				<i>remarks - this release:</i>		
RP-03	1999-04-23	1 . 0 . 0	get it			
RP-05	1999-10-13	1 . 3 . 0	get it			
RP-06	1999-12-12	3 . 0 . 0	get it			
RP-07	2000-03-15	3 . 1 . 0	get it			
RP-10	2000-12-20	3 . 2 . 0	get it			
RP-11	2001-03-27	3 . 3 . 0	get it			
RP-12	2001-06-19	3 . 4 . 0	get it			
RP-13	2001-10-02	3 . 5 . 0	get it			
RP-14	2002-01-04	3 . 6 . 0	get it			
RP-15	2002-03-19	3 . 7 . 0	get it			
RP-18	2003-01-13	3 . 8 . 0	get it			
RP-21	2003-10-02	3 . 9 . 0	get it			
RP-23		3 . 10 . 0				

TR 25.922 Radio Resource Management Strategies

R99	<i>current version:</i> 3.8.0	WG (<i>prime / other</i>):	R2 / -	<i>rapporteur:</i>	BULDORINI, Andrea	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
<i>history (event, available, version,</i>						
First complete	1999-03-04	0 . 0 . 0	get it	<i>remarks - general:</i>		
RP-03	1999-04-23	0 . 1 . 1	get it	<i>remarks - this release:</i>		
RP-04	1999-06-23	0 . 2 . 0	get it			
RP-05	1999-10-13	0 . 5 . 0	get it			
RP-06	1999-12-12	3 . 0 . 0	get it			
RP-07	2000-03-15	3 . 1 . 0	get it			
RP-08	2000-06-23	3 . 2 . 0	get it			
RP-09	2000-10-16	3 . 3 . 0	get it			
RP-10	2000-12-20	3 . 4 . 0	get it			
RP-11	2001-03-27	3 . 5 . 0	get it			
RP-13	2001-10-02	3 . 6 . 0	get it			
RP-15	2002-03-19	3 . 7 . 0	get it			
RP-23		3 . 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 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	1999-03-04	0	.	0	.	0
RP-03	1999-04-23	0	.	0	.	2
RP-04	1999-06-23	0	.	1	.	0
RP-05	1999-10-13	0	.	2	.	0
RP-06	1999-12-21	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-09	2000-10-06	3	.	2	.	0
RP-10	2000-12-20	3	.	3	.	0
RP-11	2001-03-27	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:*
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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	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	1	.	1
RP-05	1999-10-13	1	.	2	.	2
RP-07	2000-03-15	1	.	2	.	4
RP-08	2000-06-23	3	.	0	.	0
RP-09	2000-10-05	3	.	1	.	0
RP-10	2000-12-21	3	.	2	.	0
RP-11	2001-04-06	3	.	3	.	0
RP-12	2001-07-05	3	.	4	.	0
RP-14	2002-01-11	3	.	5	.	0
RP-15	2002-04-02	3	.	6	.	0
RP-16	2002-06-28	3	.	7	.	0

WG (prime / other): R3 / - *rapporteur:* CASALINO, Francesco
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

TELECOM ITALIA S.p.A.

[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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.941	Document structure								
R99	<i>current version:</i> 3.1.0								
	<i>freeze_meeting:</i> RP-06								
	<i>history (event, available, version,</i>								
	RP-03 1999-04-23	0	.	0	.	1			
	RP-04 1999-06-23	1	.	0	.	0			
	RP-05 1999-10-13	3	.	0	.	0			
	RP-06 1999-12-17	3	.	1	.	0			

WG (prime / other): R4 / - *rapporteur:* TAKAMI, Tadao NTT DoCoMo Inc
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TR 25.942	RF system scenarios								
R99	<i>current version:</i> 3.3.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	RP-03 1999-04-23	0	.	0	.	2			
	RP-04 1999-06-23	1	.	0	.	0			
	RP-05 1999-10-13	2	.	0	.	0			
	RP-06 1999-12-12	2	.	1	.	1			
	RP-07 2000-03-15	2	.	1	.	3			
	RP-09 2000-10-26	2	.	3	.	0			
	RP-11 2001-04-10	3	.	0	.	0			
	RP-12 2001-07-03	3	.	1	.	0			
	RP-14 2002-01-14	3	.	2	.	0			
	RP-16 2002-07-03	3	.	3	.	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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 25.944	Channel coding and multiplexing examples								
R99	<i>current version:</i> 3.5.0								
	<i>freeze_meeting:</i> SP-07								
	<i>history (event, available, version,</i>								
	editor's draft 1999-11-25	0	.	0	.	1			
	R1-09 1999-12-15	1	.	0	.	0			
	RP-07 2000-03-16	3	.	0	.	0			
	RP-08 2000-06-23	3	.	1	.	0			
	RP-09 2000-10-18	3	.	2	.	0			
	RP-10 2000-12-22	3	.	3	.	0			
	RP-11 2001-04-06	3	.	4	.	0			
	edito 2001-04-10	3	.	4	.	1			
	RP-12 2001-06-28	3	.	5	.	0			

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: U: yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:* Created Jan 2000 (aka R1.04)
[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 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)
R99 *current version:* 3.1.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
0 . 0 . 0 *remarks - general:*
RP-18 2003-01-13 3 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - this release:* Pointer to latest release version.
RP-22 2004-01-12 3 . 1 . 0 [get it](#)

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 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 1999-10-13 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 1999-06-23 0 . 1 . 0 [get it](#) *remarks - general:*
SP-03 1999-04-23 0 . 1 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 1 . 0 . 0 [get it](#)
SP-06 1999-12-17 3 . 0 . 0 [get it](#)
SP-07 2000-03-15 3 . 1 . 0 [get it](#)
SP-11 2001-04-10 3 . 2 . 0 [get it](#)
SP-14 2002-01-09 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
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1
freeze_meeting: SP-06
history (event, available, version,
SP-03 1999-04-23 0 . 0 . 0
SP-04 1999-06-23 1 . 0 . 0
SP-05 1999-10-13 2 . 0 . 0
SP-06 1999-12-17 3 . 0 . 0
Test sequences 2000-02-02 3 . 0 . 1
available
Test sequences 2000-09-14 3 . 0 . 2
corrected
SP-11 2001-04-10 3 . 1 . 0
corrected test 2001-07-04 3 . 1 . 1

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino
Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
SP-03 1999-04-26 1 . 0 . 0
SP-04 1999-06-23 3 . 0 . 0
SP-05 1999-10-13 3 . 0 . 1
SP-06 1999-12-17 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino
Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
SP-03 1999-04-26 1 . 0 . 0
SP-04 1999-06-23 3 . 0 . 0
SP-05 1999-10-13 3 . 0 . 1
SP-06 1999-12-17 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino
Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 1999-10-13 3 . 0 . 1 [get it](#)

TS 26.093 AMR speech Codec; Source Controlled Rate operation
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 3 . 0 . 1 [get it](#)
SP-06 1999-12-17 3 . 1 . 0 [get it](#)
SP-08 2000-06-28 3 . 2 . 0 [get it](#)
SP-10 2000-12-21 3 . 3 . 0 [get it](#)

TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels
R99 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-04 1999-06-23 0 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-03 1999-04-26 0 . 1 . 0 [get it](#) *remarks - this release:* .
SP-05 1999-10-13 3 . 0 . 0 [get it](#)

TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation
freeze_meeting: SP-06 *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:*
SP-04 1999-06-23 1 . 2 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 1 . 4 . 0 [get it](#)
SP-06 1999-12-17 3 . 0 . 0 [get it](#)
SP-07 2000-03-15 3 . 1 . 0 [get it](#)
SP-12 2001-08-01 3 . 2 . 0 [get it](#)
SP-15 2002-03-28 3 . 3 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 26 .- series
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TS 26.102 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 1999-04-26 0 . 2 . 0 [get it](#) *remarks - general:*
SP-06 1999-12-17 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-07 2000-03-15 3 . 1 . 0 [get it](#)
SP-10 2000-12-12 3 . 2 . 0 [get it](#)
SP-11 2001-04-10 3 . 3 . 0 [get it](#)
SP-19 2003-04-04 3 . 4 . 0 [get it](#)

TS 26.103 Speech codec list for GSM and UMTS

R99 *current version:* 3.2.0 *WG (prime / other):* S4 / - *rapporteur:* HELLWIG, Karl Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-06 1999-12-17 3 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
SP-14 2002-01-09 3 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 2002-06-28 3 . 2 . 0 [get it](#)

TS 26.104 ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.5.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-07 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-06 1999-12-17 0 . 1 . 0 [get it](#) *remarks - general:*
SP-07 2000-03-15 0 . 3 . 0 SP-000022 [get it](#) *remarks - this release:*
SP-08 2000-06-28 3 . 0 . 0 [get it](#)
SP-10 2000-12-21 3 . 1 . 0 [get it](#)
SP-12 2001-06-27 3 . 2 . 0 [get it](#)
bug fix 2001-06-29 3 . 2 . 1 [get it](#)
SP-13 2001-10-02 3 . 3 . 0 [get it](#)
SP-15 2002-03-28 3 . 4 . 0 [get it](#)
SP-19 2003-04-04 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 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 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:*
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 3 . 0 . 1 [get it](#)
SP-11 2001-07-04 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 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#5
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 3 . 0 . 2 [get it](#)
SP-06 1999-12-15 3 . 1 . 0 [get it](#)
SP-08 2000-06-28 3 . 2 . 0 [get it](#)
SP-09 2000-10-10 3 . 3 . 0 [get it](#)
SP-10 2000-12-21 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 1999-10-13 0 . 0 . 0 [get it](#) *remarks - general:*
SP-06 1999-12-17 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-08 2000-06-28 3 . 1 . 0 [get it](#)
SP-11 2001-04-10 3 . 2 . 0 [get it](#)
SP-13 2001-10-02 3 . 3 . 0 [get it](#)
SP-17 2002-09-24 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	1999-10-13	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	2000-06-28	3 . 0 . 0	get it			
SP-09	2000-10-10	3 . 1 . 0	get it			
SP-11	2001-04-10	3 . 2 . 0	get it			
SP-13	2001-10-02	3 . 3 . 0	get it			
SP-15	2002-03-28	3 . 4 . 0	get it			
SP-17	2002-09-24	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	1999-04-26	1 . 0 . 0	get it	<i>remarks - general:</i>		
SP-04	1999-06-23	3 . 0 . 0	get it	<i>remarks - this release:</i>		
SP-05	1999-10-13	3 . 0 . 2	get it			
decision to revise	1999-10-30	3 . 1 . 0	get it			
version number						
SP-06	1999-12-17	3 . 2 . 0	get it			
edito	2000-10-10	3 . 2 . 1	get it			
SP-10	2000-12-21	3 . 3 . 0	get it			
SP-19	2003-04-04	3 . 4 . 0	get it			

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	1999-04-26	0 . 0 . 1	get it	<i>remarks - general:</i>		
SP-04	1999-06-23	1 . 0 . 0	get it	<i>remarks - this release:</i>		
SP-07	2000-03-15	3 . 0 . 0	get it			

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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 2000-02-02 0 . 0 . 1
WG/TB
SP-07 2000-03-17 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
G: *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.
[get it](#) *remarks - this release:* No Rel-4 version. Became 26.115.

TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.1.0
freeze_meeting: SP-11
history (event, available, version,
SP-06 1999-12-17 1 . 0 . 0
SP-07 2000-03-17 1 . 1 . 0
SP-11 2001-03-31 3 . 0 . 0
SP-13 2001-10-05 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
[get it](#) *remarks - this release:* was 26.075;
[get it](#)
[get it](#)

R99

27 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 3.14.0 *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	1999-04-23	3	.	0	.	0	get it <i>remarks - general:</i>
NP-05	1999-10-13	3	.	2	.	0	get it <i>remarks - this release:</i>
NP-06	1999-12-17	3	.	3	.	0	get it
NP-07	2000-03-15	3	.	4	.	0	get it
NP-08	2000-06-23	3	.	5	.	0	get it
NP-09	2000-10-23	3	.	6	.	0	get it
NP-10	2001-01-04	3	.	7	.	0	get it
NP-11	2001-04-05	3	.	8	.	0	get it
NP-12	2001-07-04	3	.	9	.	0	get it
NP-13	2001-10-10	3	.	10	.	0	get it
NP-17	2002-09-17	3	.	11	.	0	get it
NP-20	2003-06-25	3	.	12	.	0	get it
NP-21	2003-10-01	3	.	13	.	0	get it
NP-22	2004-01-22	3	.	14	.	0	get it

TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0	get it <i>remarks - general:</i>
NP-05	1999-10-13	3	.	1	.	0	get it <i>remarks - this release:</i>
NP-06	1999-12-17	3	.	2	.	0	get it
NP-07	2000-03-15	3	.	3	.	0	get it
NP-08	2000-06-23	3	.	4	.	0	get it
NP-09	2000-10-12	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 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	1999-04-23	3	.	0	.	0	get it <i>remarks - general:</i>
NP-04	1999-06-23	3	.	1	.	0	get it <i>remarks - this release:</i>
NP-06	1999-12-17	3	.	2	.	0	get it
NP-07	2000-03-15	3	.	3	.	0	get it
NP-08	2000-06-23	3	.	4	.	0	get it
NP-09	2000-10-12	3	.	5	.	0	get it

TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

R99 *current version:* 3.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-03	1999-04-28	1	.	0	.	0	get it <i>remarks - general:</i>
TP-04	1999-06-18	3	.	0	.	0	get it <i>remarks - this release: .</i>
TP-06	1999-12-17	3	.	1	.	0	get it
TP-16	2002-06-25	3	.	2	.	0	get it

TS 27.007 AT command set for 3G User Equipment (UE)

R99 *current version:* 3.13.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-03	1999-04-28	1	.	0	.	0	get it <i>remarks - general:</i>
TP-04	1999-06-18	3	.	1	.	0	get it <i>remarks - this release:</i>
TP-05	1999-10-08	3	.	2	.	0	get it
TP-06	1999-12-17	3	.	3	.	0	get it
TP-07	2000-03-15	3	.	4	.	0	get it
TP-08	2000-06-23	3	.	5	.	0	get it
TP-09	2000-10-11	3	.	6	.	0	get it
TP-10	2001-01-04	3	.	7	.	0	get it
TP-11	2001-04-06	3	.	8	.	0	get it
TP-12	2001-07-04	3	.	9	.	0	get it
TP-14	2002-01-11	3	.	10	.	0	get it
TP-15	2002-03-29	3	.	11	.	0	get it
TP-18	2002-12-20	3	.	12	.	0	get it
TP-19	2003-03-31	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 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 1999-04-28 1 . 0 . 0 [get it](#) *remarks - general:*
TP-04 1999-06-18 3 . 1 . 0 [get it](#) *remarks - this release:*
TP-05 1999-10-08 3 . 2 . 0 [get it](#)
TP-07 2000-03-15 3 . 3 . 0 [get it](#)
TP-15 2002-03-25 3 . 4 . 0 [get it](#)

TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

R99 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:* GPRS
NP-04 1999-06-23 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 1999-10-13 3 . 2 . 0 [get it](#)
NP-06 1999-12-17 3 . 3 . 0 [get it](#)
NP-07 2000-03-15 3 . 4 . 0 [get it](#)
NP-11 2001-04-06 3 . 5 . 0 [get it](#)
NP-16 2002-06-24 3 . 6 . 0 [get it](#)
NP-17 2002-09-17 3 . 7 . 0 [get it](#)
NP-20 2003-06-23 3 . 8 . 0 [get it](#)

TS 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-05 1999-10-08 3 . 0 . 0 [get it](#) *remarks - general:*
TP-09 2000-10-16 3 . 1 . 0 [get it](#) *remarks - this release:* TSG#8:3.1.0 but this CR not impementable.

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.901 Report on Terminal Interfaces - An Overview

R99 *current version:* 3.1.0
freeze_meeting: SP-06

WG (prime / other): T2 / - *rapporteur:* REX, Thomas ERICSSON MOBILE COMMUNICATIONS AB
G: *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 1999-04-23 0 . 0 . 1
TP-04 1999-06-18 1 . 0 . 0
TP-05 1999-10-08 1 . 0 . 1
TP-06 completed 1999-12-17 3 . 0 . 0
TP-15 2002-03-26 3 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0
freeze_meeting: SP-05

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 1999-04-23 0 . 0 . 0
TP-05 1999-10-08 3 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

R99

29 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.19.0

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 1999-04-23 3 . 0 . 0

[get it](#)

remarks - general:

NP-04 1999-06-23 3 . 1 . 0

[get it](#)

remarks - this release:

NP-05 1999-10-13 3 . 2 . 0

[get it](#)

NP-06 1999-12-17 3 . 3 . 0

[get it](#)

edito 2000-01-31 3 . 3 . 1

[get it](#)

NP-07 2000-03-15 3 . 4 . 0

[get it](#)

NP-08 2000-06-23 3 . 5 . 0

[get it](#)

edito 2000-08-04 3 . 5 . 1

[get it](#)

edito 2000-08-10 3 . 5 . 2

[get it](#)

NP-09 2000-10-26 3 . 6 . 0

[get it](#)

NP-10 2000-12-20 3 . 7 . 0

[get it](#)

edito 2001-01-02 3 . 7 . 1

[get it](#)

edito to make 2001-01-31 3 . 7 . 2

[get it](#)

figures legible

NP-11 2001-04-06 3 . 8 . 0

[get it](#)

NP-12 2001-07-06 3 . 9 . 0

[get it](#)

NP-13 2001-10-03 3 . 10 . 0

[get it](#)

NP-14 2002-01-18 3 . 11 . 0

[get it](#)

NP-15 2002-04-04 3 . 12 . 0

[get it](#)

NP-16 2002-06-21 3 . 13 . 0

[get it](#)

NP-17 2002-09-24 3 . 14 . 0

[get it](#)

NP-18 2003-01-09 3 . 15 . 0

[get it](#)

NP-19 2003-04-07 3 . 16 . 0

[get it](#)

NP-20 2003-07-04 3 . 17 . 0

[get it](#)

delayed availability due to complexity
of changes

NP-21 2003-10-09 3 . 18 . 0

[get it](#)

NP-23 3 . 19 . 0

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

R99 *current version:* 3.14.0 *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	1999-04-23	3 . 0 . 0	get it	<i>remarks - general:</i>
post-SP-04	1999-05-27	3 . 1 . 0	get it	<i>remarks - this release:</i>
NP-05	1999-10-13	3 . 2 . 0	get it	
NP-06	1999-12-17	3 . 3 . 0	get it	
NP-07	2000-03-15	3 . 4 . 0	get it	
NP-08	2000-06-23	3 . 5 . 0	get it	
NP-09	2000-10-12	3 . 6 . 0	get it	
NP-10	2000-12-22	3 . 7 . 0	get it	
NP-11	2001-03-29	3 . 8 . 0	get it	
NP-14	2002-01-11	3 . 9 . 0	get it	
NP-16	2002-06-24	3 . 10 . 0	get it	
NP-18	2003-01-06	3 . 11 . 0	get it	
NP-20	2003-06-23	3 . 12 . 0	get it	
NP-21	2003-10-01	3 . 13 . 0	get it	
NP-22	2004-01-22	3 . 14 . 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 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling
 R99 *current version: Procedures and the Mobile Application Part (MAP)* 3.12.0WG (prime / other): N4 /- *rapporteur:* KYMALAINEN, Kimmo
 TeliSonera AB

freeze_meeting: SP-05 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
 NP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)
 NP-05 1999-10-13 3 . 0 . 0 [get it](#) *remarks - this release:*
 NP-06 1999-12-15 3 . 1 . 0 [get it](#)
 NP-07 2000-03-15 3 . 2 . 0 [get it](#)
 NP-09 2000-10-26 3 . 3 . 0 [get it](#)
 NP-10 2000-12-21 3 . 4 . 0 [get it](#)
 NP-11 2001-03-30 3 . 5 . 0 [get it](#)
 NP-12 2001-07-04 3 . 6 . 0 [get it](#)
 NP-14 2002-01-11 3 . 7 . 0 [get it](#)
 NP-16 2002-06-21 3 . 8 . 0 [get it](#)
 NP-17 2002-09-18 3 . 9 . 0 [get it](#)
 NP-18 2003-01-07 3 . 10 . 0 [get it](#)
 NP-20 2003-06-27 3 . 11 . 0 [get it](#)
 NP-23 3 . 12 . 0

TS 29.011 Signalling Interworking for Supplementary Services
 R99 *current version: 3.0.0* WG (prime / other): N4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
 NP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols
 R99 *current version: 3.0.0* WG (prime / other): N4 /- *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-05 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
 NP-04 1999-06-23 3 . 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 R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification
R99 *current version:* 3.1.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-09 2000-10-06 3 . 1 . 0 [get it](#) *remarks - this release:*

TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R99 *current version:* 3.11.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-04 1999-06-23 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 1999-10-13 3 . 2 . 0 [get it](#)
NP-07 2000-03-15 3 . 3 . 0 [get it](#)
NP-09 2000-10-23 3 . 4 . 0 [get it](#)
edito 2000-10-31 3 . 4 . 1 [get it](#)
NP-10 2001-01-02 3 . 5 . 0 [get it](#)
NP-11 2001-04-06 3 . 6 . 0 [get it](#)
NP-13 2001-10-03 3 . 7 . 0 [get it](#)
NP-14 2002-01-04 3 . 8 . 0 [get it](#)
NP-15 2002-03-21 3 . 9 . 0 [get it](#)
NP-16 2002-06-26 3 . 10 . 0 [get it](#)
NP-21 2003-10-10 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 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

R99 current version: 3.19.0

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	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-15	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-10	2000-09-28	3	.	6	.	0
NP-10	2000-12-21	3	.	7	.	0
NP-11	2001-03-30	3	.	8	.	0
NP-12	2001-07-04	3	.	9	.	0
NP-13	2001-10-03	3	.	10	.	0
NP-14	2002-01-11	3	.	11	.	0
NP-15	2002-03-28	3	.	12	.	0
NP-16	2002-06-21	3	.	13	.	0
NP-17	2002-09-18	3	.	14	.	0
NP-18	2003-01-07	3	.	15	.	0
NP-19	2003-04-04	3	.	16	.	0
NP-20	2003-06-27	3	.	17	.	0
NP-22	2004-01-12	3	.	18	.	0
NP-23		3	.	19	.	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

3GPP specification status

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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	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
<i>history (event, available, version,</i>					
NP-03	1999-04-23	3 . 0 . 0	get it	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the	
NP-04	1999-06-23	3 . 1 . 0	get it	<i>remarks - this release:</i> Public Land Mobile Network (PLMN) supporting GPRS and Packet".	
NP-06	1999-12-15	3 . 2 . 0	get it		
NP-07	2000-03-15	3 . 3 . 0	get it		
NP-09	2000-10-12	3 . 4 . 0	get it		
NP-11	2001-04-06	3 . 5 . 0	get it		
NP-12	2001-06-28	3 . 6 . 0	get it		
NP-13	2001-10-12	3 . 7 . 0	get it		
NP-14	2002-01-14	3 . 8 . 0	get it		
NP-15	2002-03-20	3 . 9 . 0	get it		
NP-16	2002-07-03	3 . 10 . 0	get it		
NP-18	2003-01-09	3 . 11 . 0	get it		
NP-19	2003-03-27	3 . 12 . 0	get it		
NP-20	2003-06-23	3 . 13 . 0	get it		
NP-22	2004-01-15	3 . 14 . 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 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	<i>current version:</i> 3.15.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	NP-03 1999-04-23	3 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
	NP-04 1999-06-30	3 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 3
	NP-06 1999-12-17	3 . 2 . 0	get it		
	NP-07 2000-03-15	3 . 3 . 0	get it		
	NP-08 2000-06-23	3 . 4 . 0	get it		
	Editorial 2000-06-23	3 . 4 . 1	get it		
	NP-09 2000-10-10	3 . 5 . 0	get it		
	NP-10 2001-01-05	3 . 6 . 0	get it		
	NP-11 2001-03-29	3 . 7 . 0	get it		
	NP-12 2001-07-03	3 . 8 . 0	get it		
	NP-13 2001-10-03	3 . 9 . 0	get it		
	NP-14 2002-01-04	3 . 10 . 0	get it		
	NP-15 2002-03-19	3 . 11 . 0	get it		
	NP-16 2002-06-17	3 . 12 . 0	get it		
	NP-17 2002-09-17	3 . 13 . 0	get it		
	NP-18 2002-12-18	3 . 14 . 0	get it		
	NP-19 2003-03-25	3 . 15 . 0	get it		

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CALDENHOVEN, Juergen		
	<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 2000-06-30	3 . 0 . 0	get it	<i>remarks - this release:</i>	
	RP-10 2000-12-20	3 . 1 . 0	get it		
	RP-13 2001-10-12	3 . 2 . 0	get it		
	RP-19 2003-03-26	3 . 3 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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 2000-03-13 1 . 0 . 0
NP-08 2000-06-23 3 . 0 . 0
NP-09 2000-10-08 3 . 1 . 0
NP-10 2001-01-03 3 . 2 . 0

WG (prime / other): N5 / - *rapporteur:* ABARCA, Chelo
G: *U:* yes *MCC:* ZOICAS, Adrian

ALCATEL S.A.

[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 1999-04-23 0 . 0 . 0
TP-04 1999-06-23 0 . 5 . 0

TP-05 1999-10-08 1 . 0 . 0
TP-06 1999-12-17 3 . 0 . 0
TP-07 2000-03-15 3 . 1 . 0 completion target
TP-08 2000-02-06 3 . 2 . 0
TP-09 2000-10-18 3 . 3 . 0

WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
G: *U:* yes *MCC:* JURISIC, Andrijana

[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](#)
[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 R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM application

R99 *current version:* 3.16.0

freeze_meeting: SP-06

history (event, available, version,

TP-03 1999-04-23 0 . 0 . 0

TP-04 1999-06-23 0 . 5 . 0

TP-05 1999-10-08 1 . 0 . 0

TP-06 1999-12-17 3 . 0 . 0

TP-07 completion 2000-03-15 3 . 1 . 0

target

TP-08 2000-06-23 3 . 2 . 0

TP-09 2000-10-18 3 . 3 . 0

TP-10 2001-01-05 3 . 4 . 0

TP-11 2001-04-09 3 . 5 . 0

TP-12 2001-07-06 3 . 6 . 0

TP-13 2001-10-11 3 . 7 . 0

TP-14 2002-01-17 3 . 8 . 0

TP-16 2002-06-28 3 . 9 . 0

TP-17 2002-09-25 3 . 10 . 0

TP-18 2003-01-02 3 . 11 . 0

TP-19 2003-04-01 3 . 12 . 0

TP-20 2003-06-23 3 . 13 . 0

TP-21 2003-09-30 3 . 14 . 0

TP-22 2004-01-12 3 . 15 . 0

TP-23 3 . 16 . 0

WG (prime / other): T3 / -

G: U: yes

rapporteur: HEIM, Christian

MCC: JURISIC, Andrijana

GIESECKE & DEVRIENT GmbH

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0

freeze_meeting: SP-06

history (event, available, version,

E-mailed to SP-T 1999-11-15 1 . 0 . 0

for information

TP-06 1999-12-17 3 . 0 . 0

TP-07 completion 2000-03-15 3 . 1 . 0

target

TP-09 2000-10-18 3 . 2 . 0

WG (prime / other): T3 / -

G: U: yes

rapporteur: DIETRICH, Christian

MCC: JURISIC, Andrijana

Axalto, Schlumberger Systèmes S.A.

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remarks - general:

remarks - this release: 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

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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 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111 Universal Subscriber Identity Module Application Toolkit (USAT)

R99 *current version:* 3.12.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: SP-07 One

G: yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version,

TP-06	1999-12-17	1	.	0	.	0
TP-07	2000-03-15	3	.	0	.	0
TP-08	2000-06-23	3	.	1	.	0
TP-09	2000-10-18	3	.	2	.	0
TP-10	2001-01-05	3	.	3	.	0
TP-11	2001-04-09	3	.	4	.	0
TP-12	2001-07-06	3	.	5	.	0
TP-13	2001-10-12	3	.	6	.	0
TP-14	2002-01-16	3	.	7	.	0
TP-16	2002-06-28	3	.	8	.	0
TP-18	2003-01-02	3	.	9	.	0
TP-19	2003-04-04	3	.	10	.	0
TP-22	2004-01-12	3	.	11	.	0
TP-23		3	.	12	.	0

[get it](#)

remarks - general: To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.

remarks - this release:

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TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

R99 *current version:* 3.0.0 *WG (prime / other):* T3 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version,

TP-09	2000-10-18	1	.	0	.	0
TP-10	2001-01-05	3	.	0	.	0

[get it](#)

remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP

remarks - this release: TP-11:moved to ETSI-SCP. TP-12: reinstated.

[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 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

R99 current version: 3.8.0 WG (prime / other): T3 / - rapporteur: AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: SP-08 G: U: yes MCC: JURISIC, Andrijana

history (event, available, version,

TP-09	2000-10-18	1	.	0	.	0
TP-10	2001-01-05	3	.	0	.	0
TP-12	2001-07-06	3	.	1	.	0
TP-16	2002-06-19	3	.	2	.	0
TP-17	2002-09-18	3	.	3	.	0
TP-18	2003-01-02	3	.	4	.	0
TP-19	2003-03-26	3	.	5	.	0
TP-20	2003-06-23	3	.	6	.	0
TP-21	2003-09-29	3	.	7	.	0
TP-23		3	.	8	.	0

[get it](#)

remarks - general: based on R99 core spec; split into 2 parts (this is 2)

[get it](#)

remarks - this release:

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TS 31.122 Universal Subscriber Identity Module (USIM) conformance test specification

R99 current version: 3.7.0 WG (prime / other): T3 / - rapporteur: KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-08 G: U: yes MCC: JURISIC, Andrijana

history (event, available, version,

TP-09	2000-10-18	1	.	0	.	0
TP-10		2	.	0	.	0
TP-10	2001-01-05	3	.	0	.	0
TP-14	2002-01-17	3	.	1	.	0
TP-15	2002-03-28	3	.	2	.	0
TP-16	2002-06-19	3	.	3	.	0
TP-17	2002-09-18	3	.	4	.	0
TP-18	2003-01-02	3	.	5	.	0
TP-19	2003-04-01	3	.	6	.	0
TP-22	2004-01-12	3	.	7	.	0

[get it](#)

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was

remarks - this release: split into two parts

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R99

32 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.005 Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain

R99 *current version:* 3.7.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-06 1999-12-17 3 . 0 . 0 [get it](#) *remarks - general:*
SP-08 2000-06-23 3 . 1 . 0 [get it](#) *remarks - this release:*
correct 2000-10-10 3 . 2 . 0 [get it](#)

implementation of
previous CR
SP-10 2000-12-21 3 . 3 . 0 [get it](#)
edito 2001-01-22 3 . 3 . 1 [get it](#)
SP-11 2001-04-05 3 . 4 . 0 [get it](#)
SP-13 2001-10-05 3 . 5 . 0 [get it](#)
SP-15 2002-03-26 3 . 6 . 0 [get it](#)
SP-22 2004-01-05 3 . 7 . 0 [get it](#)

TS 32.015 Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain

R99 *current version:* 3.12.0 *WG (prime / other):* S5 / - *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-06 1999-12-17 3 . 0 . 0 [get it](#) *remarks - general:*
SP-07 2000-03-17 3 . 1 . 0 [get it](#) *remarks - this release:*
Editorial 2000-03-17 3 . 1 . 1 [get it](#)
SP-08 2000-06-23 3 . 2 . 0 [get it](#)
SP-09 2000-10-10 3 . 3 . 0 [get it](#)
SP-10 2000-12-21 3 . 4 . 0 [get it](#)
SP-11 2001-04-05 3 . 5 . 0 [get it](#)
SP-12 2001-07-03 3 . 6 . 0 [get it](#)
SP-13 2001-10-05 3 . 7 . 0 [get it](#)
SP-14 2002-01-11 3 . 8 . 0 [get it](#)
SP-15 2002-03-26 3 . 9 . 0 [get it](#)
SP-18 2003-01-07 3 . 10 . 0 [get it](#)
SP-19 2003-04-02 3 . 11 . 0 [get it](#)
SP-22 2004-01-05 3 . 12 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101 Telecommunication management; Principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-03	1999-04-26	1	.	0	.	0	get it	<i>remarks - general:</i>
SP-05	1999-10-13	1	.	2	.	0	get it	<i>remarks - this release:</i>
SP-06	1999-12-17	3	.	0	.	0	get it	
SP-07	2000-03-17	3	.	1	.	0	get it	
Editorial	2000-03-17	3	.	1	.	1	get it	
SP-08	2000-06-23	3	.	2	.	0	get it	
SP-10	2000-12-21	3	.	3	.	0	get it	
SP-11	2001-10-05	3	.	4	.	0	get it	

TS 32.102 Telecommunication management; Architecture

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

Creation of WI by	1999-04-26	0	.	0	.	0	get it	<i>remarks - general:</i>
WG/TB								<i>remarks - this release:</i>
SP-03	1999-04-26	1	.	0	.	0	get it	
SP-05	1999-10-13	1	.	2	.	0	get it	
SP-06	1999-12-17	3	.	0	.	0	get it	
SP-07	2000-03-17	3	.	1	.	0	get it	
Editorial	2000-03-17	3	.	1	.	1	get it	
SP-08	2000-06-23	3	.	2	.	0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 3G Performance Management

R99 *current version:* 3.7.0
freeze_meeting: SP-07
history (event, available, version,

SP-05	1999-10-13	1	.	0	.	0
SP-06	1999-12-17	3	.	0	.	0
SP-07	2000-03-17	3	.	1	.	0
Editorial	2000-03-17	3	.	1	.	1
SP-08	2000-06-23	3	.	2	.	0
SP-09	2000-10-10	3	.	3	.	0
SP-10	2000-12-21	3	.	4	.	0
SP-14	2002-01-11	3	.	5	.	0
SP-20	2003-06-27	3	.	6	.	0
SP-23		3	.	7	.	0

) WG (prime / other): S5 / - *rapporteur:* HÜBINETTE, Ulf
G: U: yes *MCC:* ZOICAS, Adrian Telefon AB LM Ericsson

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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
history (event, available, version,

SP-05	1999-10-13	1	.	0	.	0
SP-06	1999-12-17	1	.	1	.	0
SP-07	2000-03-17	3	.	0	.	0
Editorial	2000-03-17	3	.	0	.	1
SP-08	2000-06-23	3	.	1	.	0

split into parts

) WG (prime / other): S5 / - *rapporteur:* PIRT, Trevor
G: U: yes *MCC:* ZOICAS, Adrian MOTOROLA Ltd

[get it](#) *remarks - general:* SP-08: split into eight parts
[get it](#) *remarks - this release:* SP-08: multipart split from parent 3.0.1
[get it](#)
[get it](#)

TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service

R99 *current version:* 3.3.0
freeze_meeting: SP-07
history (event, available, version,

SP-08: split into parts	2000-06-23	3	.	1	.	0
SP-10	2000-12-21	3	.	2	.	0
SP-11	2001-04-05	3	.	3	.	0

) WG (prime / other): S5 / - *rapporteur:* TSE, Edwin
G: U: yes *MCC:* ZOICAS, Adrian Ericsson Incorporated

[get it](#) *remarks - general:* TSG#8: split into eight parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 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 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-3 Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)

R99 current version: solution set 3.3.0 WG (prime / other): S5 /- rapporteur: TSE, Edwin
 Ericsson Incorporated

freeze_meeting: SP-07 G: U: yes MCC: ZOICAS, Adrian
 history (event, available, version, parts)
 SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#) remarks - general: TSG#8: split into eight parts
 parts
 SP-10 2000-12-21 3 . 2 . 0 [get it](#) remarks - this release: TSG#8: multipart split from parent 3.0.1
 SP-11 2001-04-05 3 . 3 . 0 [get it](#)

TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP)

R99 current version: 3.2.1 WG (prime / other): S5 /- rapporteur: POLLAKOWSKI, Olaf SIEMENS AG
 freeze_meeting: SP-07 G: U: yes MCC: ZOICAS, Adrian

history (event, available, version, parts)
 SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#) remarks - general: TSG#8: split into eight parts
 parts
 SP-14 2002-01-11 3 . 2 . 0 [get it](#) remarks - this release: TSG#8: multipart split from parent 3.0.1
 editorial after 2002-09-18 3 . 2 . 1 [get it](#)
 SP-17

TS 32.106-5 Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including

R99 current version: Network Resource Model NRM)) 3.2.0 WG (prime / other): S5 /- rapporteur: TOVINGER, Thomas
 Telefon AB LM Ericsson

freeze_meeting: SP-10 G: U: yes MCC: ZOICAS, Adrian
 history (event, available, version, draft 2000-10-10 1 . 0 . 1 [get it](#) remarks - general: TSG#8: split into eight parts
 SP-10 2000-12-21 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 2001-04-05 3 . 1 . 0 [get it](#)
 SP-12 2001-07-03 3 . 2 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker								
R99	current version: Architecture (CORBA) solution set	3.4.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf		
SIEMENS AG									
	freeze_meeting: SP-10		G:	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version,								
	draft 2000-10-31	0 . 1 . 0		get it	remarks - general:	TSG#8: split into eight parts			
	SP-10 2000-12-14	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 2001-04-05	3 . 1 . 0		get it					
	SP-12 2001-07-04	3 . 2 . 0		get it					
	SP-13 2001-10-05	3 . 3 . 0		get it					
	SP-22 2004-01-05	3 . 4 . 0		get it					
<hr/>									
TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP): Common Management Information								
R99	current version: Protocol (CMIP) solution set	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 2000-10-31	0 . 1 . 0		get it	remarks - general:	TSG#8: split into eight parts			
	SP-10 2000-12-21	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 2001-04-05	3 . 1 . 0		get it					
	SP-12 2001-07-03	3 . 2 . 0		get it					
	SP-14 2002-01-11	3 . 3 . 0		get it					
<hr/>									
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	2000-06-23	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 2001-07-03	3 . 2 . 0		get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-06 1999-12-17 1 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
SP-07 2000-03-17 3 . 0 . 0 [get it](#)
Editorial 2000-03-17 3 . 0 . 1 [get it](#)
SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)
parts
SP-09 2000-10-10 3 . 2 . 0 [get it](#)

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-06 1999-12-17 1 . 1 . 0 [get it](#) *remarks - this release:*
SP-07 2000-03-17 3 . 0 . 0 [get it](#)
Editorial 2000-03-17 3 . 0 . 1 [get it](#)
SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)
parts
editorial 2000-09-06 3 . 1 . 1 [get it](#)
SP-09 2000-10-10 3 . 2 . 0 [get it](#)
SP-10 2000-12-20 3 . 3 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated

freeze_meeting: SP-08 G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,

SP-05 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts

SP-06 1999-12-17 1 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1

SP-07 2000-03-17 3 . 0 . 0 [get it](#)

Editorial 2000-03-17 3 . 0 . 1 [get it](#)

SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)

parts

SP-09 2000-10-10 3 . 2 . 0 [get it](#)

SP-10 2000-12-20 3 . 3 . 0 [get it](#)

SP-11 2001-04-05 3 . 4 . 0 [get it](#)

SP-12 2001-07-04 3 . 5 . 0 [get it](#)

SP-14 2002-01-11 3 . 6 . 0 [get it](#)

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG

freeze_meeting: SP-08 G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,

SP-05 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts

SP-06 1999-12-17 1 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1

SP-07 2000-03-17 3 . 0 . 0 [get it](#)

Editorial 2000-03-17 3 . 0 . 1 [get it](#)

SP-08: split into 2000-06-23 3 . 1 . 0 [get it](#)

parts

editorial 2000-09-06 3 . 1 . 1 [get it](#)

SP-14 2002-01-11 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

3GPP specification status

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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 1999-03-04 0 . 0 . 1
and Scope

First complete 1999-03-26 1 . 0 . 0

WG approval 1999-03-26 2 . 0 . 0

SP-03 1999-04-23 3 . 0 . 0

SP-04 1999-06-23 3 . 1 . 0

SP-05 1999-10-13 3 . 2 . 0

SP-06 1999-12-17 3 . 3 . 0

SP-07 2000-03-15 3 . 4 . 0

SP-08 2000-06-23 3 . 5 . 0

SP-09 2000-10-11 3 . 6 . 0

SP-10 2000-12-22 3 . 7 . 0

SP-11 2001-04-04 3 . 8 . 0

SP-12 2001-07-04 3 . 9 . 0

SP-14 2002-01-07 3 . 10 . 0

SP-15 2002-03-26 3 . 11 . 0

SP-16 2002-06-19 3 . 12 . 0

SP-18 2002-12-18 3 . 13 . 0

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc Siemens nv/sa

G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:
remarks - this release:

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TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze_meeting: SP-05

history (event, available, version,

SP-04 1999-06-23 1 . 0 . 0

SP-05 1999-10-13 3 . 0 . 0

SP-06 1999-12-17 3 . 1 . 0

SP-07 2000-03-15 3 . 2 . 0

SP-08 2000-06-23 3 . 3 . 0

SP-09 2000-10-11 3 . 4 . 0

SP-11 2001-03-30 3 . 5 . 0

SP-12 2001-07-04 3 . 6 . 0

SP-13 2001-10-03 3 . 7 . 0

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc

G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:
remarks - this release:

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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 33.105	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 1999-06-23			get it	remarks - general:	
	SP-05 1999-10-13			get it	remarks - this release:	
	SP-06 1999-12-17			get it		
	SP-07 2000-03-15			get it		
	SP-08 2000-06-23			get it		
	SP-09 2000-10-11			get it		
	SP-10 2000-12-22			get it		
	SP-11 2001-03-30			get it		
	SP-12 2001-07-04			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 1999-06-23			get it	remarks - general:	
	SP-06 1999-12-17			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 1999-06-23			get it	remarks - general:	
	SP-10 2000-12-22			get it	remarks - this release:	
	SP-11 2001-03-30			get it		
	SP-13 2001-10-03			get it		
	SP-14 2002-01-07			get it		
	SP-15 2002-03-26			get it		

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 33.120	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,					
	Table of Contents 1999-03-04	0 . 0 . 1	get it	remarks - general:		
	and Scope			remarks - this release: .		
	First complete 1999-03-26	1 . 0 . 0	get it			
	WG approval 1999-03-26	2 . 0 . 0	get it			
	SP-03 1999-04-23	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,					
	SP-03 1999-04-23	0 . 0 . 0	get it	remarks - general:		
	SP-04 1999-06-23	3 . 0 . 0	get it	remarks - this release: .		
<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,					
	SP-05 1999-10-13	3 . 0 . 0	get it	remarks - general:		
	SP-06 1999-12-17	3 . 1 . 0	get it	remarks - this release: .		
<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,					
	SP-07 2000-03-17	3 . 0 . 0 SP-000039	get it	remarks - general: TSG#7: S3-000105=NP-000049		
				remarks - this release: Formerly 33.904.		

R99

34 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 current version: 3.15.0

freeze_meeting: SP-08

WG (prime / other): T1 / - rapporteur: CHALABI, Nuhman ANRITSU LTD

G: U: yes MCC: SULTAN, Alain

history (event, available, version,

Start of work

TP-07 2000-03-15 0 . 0 . 1

TP-07 2000-03-15 1 . 0 . 0 TP-000032

[get it](#)

remarks - general:

remarks - this release: TSG#8:aprvl is controversial. TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.

editorial tidy up 2000-03-23 1 . 0 . 1

TP-08 2 . 0 . 0

TP-08 2000-06-23 3 . 0 . 0

Editorial 2000-06-23 3 . 0 . 1

TP-09 2000-10-06 3 . 1 . 0

TP-10 2001-01-09 3 . 2 . 0

TP-11 2001-03-28 3 . 3 . 0

TP-12 2001-06-27 3 . 4 . 0

TP-13 2001-10-08 3 . 5 . 0

TP-14 2002-01-09 3 . 6 . 0

TP-15 2002-03-20 3 . 7 . 0

edito post TP-15 2002-03-26 3 . 7 . 1

TP-16 2002-06-17 3 . 8 . 0

TP-17 2002-09-10 3 . 9 . 0

TP-18 2002-12-18 3 . 10 . 0

TP-19 2003-03-24 3 . 11 . 0

TP-20 2003-06-18 3 . 12 . 0

TP-21 2003-10-10 3 . 13 . 0

TP-22 2004-01-13 3 . 14 . 0

TP-23 3 . 15 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 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	1999-04-23	0	.	0	.	0
RP-04	1999-06-18	0	.	2	.	0
RP-05	1999-10-08	1	.	0	.	0
RP-06	1999-12-17	1	.	0	.	3
next version	2000-02-03	1	.	1	.	0
RP-07	2000-03-15	1	.	2	.	0
RP-08	2000-06-23	3	.	0	.	0
RP-09	2000-10-05	3	.	1	.	0
RP-10	2000-12-20	3	.	2	.	0
RP-11	2001-03-27	3	.	3	.	0
RP-12	2001-06-19	3	.	4	.	0
RP-15	2002-03-19	3	.	5	.	0
RP-16	2002-06-17	3	.	6	.	0
RP-17	2002-09-18	3	.	7	.	0
RP-18	2003-01-13	3	.	8	.	0
RP-19	2003-03-25	3	.	9	.	0

[get it](#)

remarks - general:

TSG#7: Will be transferred to RAN2 after approval. TSG#8: txfer is delayed.

[get it](#)

remarks - this release:

TSG#9: Stable, so txfered from T1 to R2.

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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:* 3.14.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version,

TP-03	1999-04-23	0	.	0	.	0
TP-04	1999-06-18	1	.	0	.	1
TP-05	1999-10-08	1	.	2	.	0
TP-06	1999-12-17	1	.	5	.	0
TP-07	2000-03-15	2	.	0	.	0
TP-07	2000-03-15	3	.	0	.	0
Editorial	2000-03-15	3	.	0	.	1
TP-08	2000-06-23	3	.	1	.	0
TP-09	2000-10-05	3	.	2	.	0
TP-10	2000-12-21	3	.	3	.	0
TP-11	2001-03-28	3	.	4	.	0
TP-12	2001-06-18	3	.	5	.	0
TP-13	2001-10-03	3	.	6	.	0
TP-14	2002-01-09	3	.	7	.	0
TP-15	2002-03-20	3	.	8	.	0
TP-16	2002-06-17	3	.	9	.	0
TP-17	2002-09-05	3	.	10	.	0
TP-18	2002-12-18	3	.	11	.	0
TP-19	2003-03-24	3	.	12	.	0
TP-20	2003-06-17	3	.	13	.	0
TP-21	2003-10-10	3	.	14	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 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> 3.12.0	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>	SULTAN, Alain	
<i>history (event, available, version,</i>						
TP-04	1999-06-18	0 . 0 . 0	get it	<i>remarks - general:</i>		
TP-05	1999-10-08	0 . 1 . 0	get it	<i>remarks - this release:</i>		
TP-06	1999-12-17	1 . 0 . 0	get it			
TP-07	2000-03-15	1 . 2 . 0	get it			
Editorial	2000-03-15	1 . 2 . 1	get it			
TP-08		2 . 0 . 0				
TP-08	2000-06-23	3 . 0 . 0	get it			
edito	2000-08-28	3 . 0 . 1	get it			
TP-09	2000-10-05	3 . 1 . 0	get it			
TP-10	2000-12-21	3 . 2 . 0	get it			
TP-11	2001-03-28	3 . 3 . 0	get it			
TP-12	2001-06-18	3 . 4 . 0	get it			
TP-13	2001-10-03	3 . 5 . 0	get it			
TP-14	2002-01-09	3 . 6 . 0	get it			
TP-15	2002-03-21	3 . 7 . 0	get it			
TP-16	2002-06-17	3 . 8 . 0	get it			
TP-17	2002-09-05	3 . 9 . 0	get it			
TP-18	2002-12-18	3 . 10 . 0	get it			
TP-19	2003-03-24	3 . 11 . 0	get it			
TP-22	2004-01-19	3 . 12 . 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 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-08 *G:* U: yes *MCC:* SULTAN, Alain
history (event, available, version,
TP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:*
TP-05 1999-10-08 0 . 0 . 4 [get it](#) *remarks - this release:*
TP-06 1999-12-17 1 . 0 . 0 [get it](#)
manicure 2000-03-23 1 . 0 . 1 [get it](#)
TP-08 2 . 0 . 0
TP-08 2000-06-23 3 . 0 . 0 [get it](#)
TP-09 2000-10-10 3 . 1 . 0 [get it](#)
TP-10 2001-01-09 3 . 2 . 0 [get it](#)
TP-11 2001-03-28 3 . 3 . 0 [get it](#)
TP-12 2001-06-28 3 . 4 . 0 [get it](#)
TP-13 2001-10-03 3 . 5 . 0 [get it](#)

TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-10 *G:* U: yes *MCC:* SULTAN, Alain
history (event, available, version,
TP-03 1999-04-23 0 . 0 . 1 [get it](#) *remarks - general:*
TP-05 1999-10-08 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 1999-12-17 1 . 0 . 0 [get it](#)
TP-07 2000-03-15 1 . 0 . 1 [get it](#)
TP-09 2000-09-22 2 . 0 . 0 [get it](#)
TP-09 2000-10-06 3 . 1 . 0 [get it](#)
TP-10 2001-01-09 3 . 2 . 0 [get it](#)
TP-11 2001-03-28 3 . 3 . 0 [get it](#)
TP-12 2001-06-28 3 . 4 . 0 [get it](#)
TP-13 2001-10-04 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 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

R99 *current version:* 3.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

TP-03	1999-04-23	0	.	0	.	1		get it	<i>remarks - general:</i> T1->R4@TSG#10
draft	1999-07-15	1	.	0	.	0		get it	<i>remarks - this release:</i>
draft	1999-08-15	1	.	0	.	1		get it	
draft	1999-09-15	1	.	1	.	0		get it	
TP-05	1999-10-08	1	.	2	.	0		get it	
TP-06	1999-12-17	1	.	2	.	2		get it	
draft	2000-02-15	1	.	3	.	0		get it	
SWG T1 EMC at meeting-08	2000-02-28	2	.	0	.	0		get it	
TP-07		2	.	0	.	1	SP-000034		
TP-07	2000-03-15	3	.	0	.	0		get it	
TP-09	2000-10-05	3	.	1	.	0		get it	
RP-10	2001-01-09	3	.	2	.	0		get it	
RP-11	2001-04-05	3	.	3	.	0		get it	
RP-19	2003-04-04	3	.	4	.	0		get it	

TR 34.901 Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance

R99 *current version:* 3.0.0 *WG (prime / other):* T1 / - *rapporteur:* YOKOYAMA, Mitsuru Agilent Technologies Japan, Ltd
freeze_meeting: SP-06 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version,

TP-20	2003-06-17	2	.	0	.	0	TP-030105	get it	<i>remarks - general:</i> 2002-09-16: 34.801 -> 34.901.
TP-20	2003-06-17	2	.	0	.	1	TP-030145 (clause 4 modified). Doc claims to be v2.0.0	get it	<i>remarks - this release:</i> 2002-09-26: Anticipate approval at TP-18.
TP-20	2003-06-18	3	.	0	.	0		get it	

TR 34.907 Report on electrical safety requirements and regulations

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* IIMORI, Eiji Toshiba Corporation, Digital Media Network
freeze_meeting: SP-05 *G:* U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-03	1999-04-23	1	.	0	.	0		get it	<i>remarks - general:</i>
TP-05	1999-10-08	3	.	0	.	0		get it	<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions
R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* JOHNSSON, Sven Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 1999-04-23 1 . 0 . 0 [get it](#) *remarks - general:*
TP-04 1999-06-18 3 . 0 . 0 [get it](#) *remarks - this release:* .

R99 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications
R99 *current version:* 3.2.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
deliverable yet available *remarks - this release:*
Formatting 2001-07-12 3 . 1 . 1 Sage makes source file available. [get it](#)
IPR, licence text 2001-08-20 3 . 1 . 2 [get it](#)
SP-14 2002-01-07 3 . 2 . 0 [get it](#)

TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification
R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-07 2000-03-17 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
deliverable yet available *remarks - this release:*
Formatting 2001-07-12 3 . 1 . 1 Sage makes source file available. [get it](#)
IPR, licence text 2001-08-20 3 . 1 . 2 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data									
R99	current version: 3.1.2	WG (prime / other):	S3 / -	rapporteur:	WALKER, Michael	VODAFONE Group Plc				
	freeze_meeting: SP-07	G:	U: yes	MCC:	POPE, Maurice					
history (event, available, version,										
SP-07	2000-03-17	3	. 1	. 0	SAGE only supplied PDF, so no real deliverable yet available	get it	remarks - general:	ex SAGE; supplied by ETSI under licence		
Formatting	2001-07-16	3	. 1	. 1	Sage makes source file available.	get it	remarks - this release:			
IPR, licence text	2001-08-20	3	. 1	. 2		get it				

TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data									
R99	current version: 3.1.2	WG (prime / other):	S3 / -	rapporteur:	WALKER, Michael	VODAFONE Group Plc				
	freeze_meeting: SP-07	G:	U: yes	MCC:	POPE, Maurice					
history (event, available, version,										
SP-07	2000-03-17	3	. 1	. 0	SAGE only supplied PDF, so no real deliverable yet available	get it	remarks - general:	ex SAGE; supplied by ETSI under licence		
Formatting	2001-07-12	3	. 1	. 1	Sage makes source file available.	get it	remarks - this release:			
IPR, licence text	2001-08-20	3	. 1	. 2		get it				

UMTS

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.01U	Requirements for the UMTS Terrestrial Radio Access (UTRA) system									
UMTS	current version: 3.0.1	WG (prime / other):	GP / -	rapporteur:	MOULSLEY, Tim	Philips Research Laboratories				
	freeze_meeting:	G:	U:	MCC:	USAI, Paolino					
history (event, available, version,										
draft		1	. 0	. 0			remarks - general:	Produced by ETSI SMG2.		
smg-22	1997-06-13	3	. 0	. 0			remarks - this release:			
ETSI publication	1997-11-28	3	. 0	. 1						

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

UMTS 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

UMTS *current version:* 3.2.0 *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL S.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
TC change control 1997-06-13 3 . 0 . 0 [get it](#) *remarks - general:*
smg-23 1997-10-17 3 . 1 . 0 [get it](#) *remarks - this release:*
smg-25 1998-03-20 3 . 2 . 0 [get it](#)

TR 30.06U UTRA Concept Evaluation Reports

UMTS *current version:* 3.0.0 *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
First complete 1997-12-01 1 . 0 . 0 [get it](#) *remarks - general:*
smg-24 1997-12-15 3 . 0 . 0 [get it](#) *remarks - this release:*

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R98 *current version:* 7.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
SP-20 2003-06-25 7 . 0 . 0 [get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

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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	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
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TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-25 1998-03-20 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 1998-06-26 7 . 0 . 1	get it	<i>remarks - this release:</i>			
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TR 01.33	Lawful Interception requirements for GSM					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-25 1998-03-20 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #25: 7.0.0 (renumbered from 10.20)			
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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> POIRAUD, Patrick	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 1 . 0 . 0		<i>remarks - general:</i>			
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</i>					
	upgrade to R98 2001-10-04 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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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 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 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 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*
ETSI publication 1999-12-13 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:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 1999-06-25 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 1998-03-20 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 1999-06-25 7 . 1 . 1 [get it](#)
ETSI publication 1999-12-28 7 . 1 . 2 [get it](#)

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06	Types of Mobile Stations (MS)					
R98	current version: 7.0.1	WG (prime / other):	S1 / -	rapporteur:	WATSON, John	VODAFONE Group Plc
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 1999-12-29 7 . 0 . 1	get it		remarks - this release:		
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TS 02.07	Mobile Station (MS) Features					
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	WATSON, John	VODAFONE Group Plc
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 1998-10-16 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 1999-08-03 7 . 0 . 1	get it		remarks - this release:		
	SP-07 2000-03-15 7 . 1 . 0	get it				
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TS 02.09	Security aspects					
R98	current version: 7.1.1	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:	NP	Per	POPE, Maurice	
	history (event, available, version,			MCC:		
	smg-29 1999-06-25 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 2000-01-12 7 . 0 . 1	get it		remarks - this release:		
	smg-31 2000-02-16 7 . 1 . 0	get it				
	ETSI publication 2000-08-29 7 . 1 . 1	get it				
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TS 02.11	Service accessibility					
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE PCS LTD
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 1999-10-16 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 1999-08-03 7 . 0 . 1	get it		remarks - this release:		
	SP-11 2001-04-02 7 . 1 . 0	get it				

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Server ACTIVE specs R98 02 .- series
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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>	KOKKOLA, Tommi	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-30 1999-11-11 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	SP-08 2000-06-23 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>	JURISIC, Andrijana	
	<i>history (event, available, version,</i>					
	smg-26 1998-06-26 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-27 1998-10-16 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-29 1999-06-25 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	Axalto, Schlumberger Systèmes S.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16 7 . 0 . 0			get it	<i>remarks - general:</i> SMG9->T3@#31	
	smg-29 1999-06-25 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>	POIRAUD, Patrick	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 1999-06-25 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>	DEOL, Amar	Nortel Networks (USA)
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 2000-01-12 7 . 0 . 1			get it	<i>remarks - this release:</i>	

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Server ACTIVE specs R98 02 .- series
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TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 1999-06-25 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	editorial 2002-07-19 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 1998-03-20 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 1998-06-26 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-29 1999-06-25 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 1996-06-26 1 . 0 . 0	get it	<i>remarks - general:</i>			
	draft 1998-03-01 2 . 0 . 0	get it	<i>remarks - this release:</i>			
	smg-25 1998-03-20 7 . 0 . 0	get it				
	smg-26 1998-06-26 7 . 1 . 0	get it				
	smg-29 1999-06-25 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 1998-03-20 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-27 1998-10-16 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-28 1999-02-12 7 . 2 . 0	get it				
	editorial 7 . 2 . 1					
	smg-29 1999-06-25 7 . 3 . 0	get it				

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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 1999-06-25 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: DEOL, Amar	Nortel Networks (USA)		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-27 1998-10-16 7 . 0 . 0 edito 1999-07-28 7 . 0 . 1				get it get it	remarks - general: remarks - this release:
TS 02.41	Operator Determined Barring					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: WATSON, John	VODAFONE Group Plc		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-29 1999-06-25 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: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version, smg-29 1999-06-25 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 smg-28 7 . 1 . 0 SP-05 7 . 2 . 0 SP-08 2000-09-07 7 . 3 . 0				get it	remarks - general: remarks - this release:

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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: JURISIC, Andrijana
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
remarks - this release:

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R98 *current version:* 7.0.1 *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-25 1998-03-20 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
ETSI publication 1999-08-16 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R98 *current version:* 7.2.1 *WG (prime / other):* S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.
freeze_meeting: smg-29 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version,
smg-27 1998-10-16 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 7 . 1 . 0 [get it](#) *remarks - this release:* #27: 7.0.0 #28: 7.1.0 #29: 7.2.0
ETSI PE 1999-05-26 7 . 1 . 1 [get it](#)
smg-29 1999-06-25 7 . 2 . 0 [get it](#)
ETSI publication 2000-09-05 7 . 2 . 1 [get it](#)

TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-29 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version,
smg-25 1998-03-20 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 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	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 1998-03-20 7 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-28 1999-02-12 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 1999-06-25 7 . 2 . 0		get it			
	SP-05 1999-10-08 7 . 3 . 0		get it			
	SP-07 2000-03-15 7 . 4 . 0		get it			
	SP-08 2000-06-23 7 . 5 . 0		get it			
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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> HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
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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> ZARRI, Michele	T-Mobile (UK) Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 1998-03-20 7 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-07 2000-03-15 7 . 1 . 0		get it	<i>remarks - this release:</i> #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0		
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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> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
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	ETSI publication 2000-01-12 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:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0			get it	remarks - general:	
	edito 1999-06-25 7 . 0 . 1			get it	remarks - this release:	
	publish EN 300 2000-08-24 7 . 0 . 2			get it		
	925					
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R98	current version: 7.0.2	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-28 1999-02-12 7 . 0 . 0			get it	remarks - general:	
	smg-29 1999-06-25 7 . 0 . 1			get it	remarks - this release: #28: 7.0.0	
	ETSI publication 1999-12-29 7 . 0 . 2			get it		
TS 02.71	Location Services (LCS); Stage 1					
R98	current version: 7.3.0	WG (prime / other):	S1 / -	rapporteur:	DEOL, Amar	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-28 1999-02-12 1 . 0 . 0			get it	remarks - general:	
	smg-29 1999-06-25 7 . 0 . 0			get it	remarks - this release:	
	SP-05 1999-10-08 7 . 1 . 0			get it		
	SP-06 1999-12-15 7 . 2 . 0			get it		
	SP-11 2001-04-06 7 . 3 . 0			get it		
TS 02.72	Call Deflection Service description; Stage 1					
R98	current version: 7.2.1	WG (prime / other):	S1 / -	rapporteur:	HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 1998-03-20 7 . 0 . 0			get it	remarks - general:	
	smg-27 1998-10-16 7 . 1 . 0			get it	remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0	
	smg-28 1999-02-12 7 . 2 . 0			get it		
	smg-29 1999-06-25 7 . 2 . 1			get it		

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TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25 7 . 0 . 0					get it	<i>remarks - general:</i>		
	SP-10 2001-01-12 7 . 1 . 0					get it	<i>remarks - this release:</i>		
	SP-14 2002-01-14 7 . 2 . 0					get it			
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> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25 7 . 0 . 0					get it	<i>remarks - general:</i>		
							<i>remarks - this release: #29: 7.0.0</i>		
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 1999-06-25 7 . 0 . 0					get it	<i>remarks - general:</i>		
							<i>remarks - this release: #29: 7.0.0</i>		
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> IBIDUN, Kunle	ORANGE PCS LTD					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12 7 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 7 . 0 . 1					get it	<i>remarks - this release: #28: 7.0.0</i>		
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> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25 7 . 0 . 0					get it	<i>remarks - general:</i>		
							<i>remarks - this release: #29: 7.0.0</i>		

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TS 02.84	MultiParty (MPty) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29 1999-06-25 7 . 0 . 0						
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29 1999-06-25 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:	DEOL, Amar	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29 1999-06-25 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:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-25 1998-03-20 7 . 0 . 0						
smg-28 1999-02-12 7 . 1 . 0				get it	remarks - general:	
smg-29 1999-06-25 7 . 1 . 1				get it	remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1	
ETSI publication 1999-12-16 7 . 1 . 2				get it		
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-29 1999-06-25 7 . 0 . 0						
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	IGNATIUS, Jan	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-29 1999-06-25 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
TS 02.91	Explicit Call Transfer (ECT)					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-29 1999-06-25 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R98	current version: 7.0.0	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 1999-06-25 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R98	current version: 7.0.0	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 1999-06-25 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
TS 02.96	Name Identification Supplementary Services; 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 1999-06-25 7 . 0 . 0					
				get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

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TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 1998-03-20 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 7 . 1 . 0 [get it](#) *remarks - this release:* #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0

R98

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R98 *current version:* 7.0.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: #29:7.0.0

TS 03.02 Network Architecture

R98 *current version:* 7.1.0 *WG (prime / other):* S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
SP-06 1999-12-17 7 . 1 . 0 [get it](#) *remarks - this release:* #29: 7.0.0 S#6: 7.1.0

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.03 Numbering, Addressing and Identification

R98 *current version:* 7.8.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 1999-10-08 7 . 2 . 0 [get it](#)
NP-06 1999-12-15 7 . 3 . 0 [get it](#)
edito 2000-02-11 7 . 3 . 1 [get it](#)
NP-07 1999-03-15 7 . 4 . 0 [get it](#)
NP-08 2000-03-17 7 . 5 . 0 [get it](#)
NP-12 2001-06-27 7 . 6 . 0 [get it](#)
NP-16 2002-06-26 7 . 7 . 0 SA did not approve companion CRs to [get it](#)
02.16.
NP-21 2003-10-09 7 . 8 . 0 [get it](#)

TR 03.05 Technical performance objectives

R98 *current version:* 7.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.07 Restoration Procedures

R98 *current version:* 7.1.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo

history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
NP-06 1999-12-15 7 . 1 . 0 [get it](#) *remarks - this release:*

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TS 03.08	Organization of Subscriber Data					
R98	current version: 7.5.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 1999-02-12 7 . 0 . 0			get it	remarks - general:	
	smg-29 1999-06-25 7 . 1 . 0			get it	remarks - this release:	
	NP-06 1999-12-17 7 . 2 . 0			get it		
	NP-07 2000-03-15 7 . 3 . 0			get it		
	NP-09 2000-10-31 7 . 4 . 0			get it		
	NP-20 2003-06-27 7 . 5 . 0			get it		

TS 03.09	Handover Procedures					
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting: smg-29	G: yes U:		MCC:	Rouzbeh	JORGENSEN, Per Johan
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R98	current version: 7.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 1998-10-16 7 . 0 . 0			get it	remarks - general:	
	smg-29 1999-06-26 7 . 0 . 1			get it	remarks - this release:	

TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0			get it	remarks - general:	
	ETSI publication 2000-01-12 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0	

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TS 03.12	Location Registration Procedures					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	KYMALAINEN, Kimmo	TeliaSonera AB
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	<i>smg-29 1999-06-25 7 . 0 . 0</i>			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: 7.0.0</i>	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	<i>smg-29 1999-06-25 7 . 0 . 0</i>			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: 7.0.1</i>	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ZAUS, Robert	SIEMENS AG
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>					
	<i>smg-28 1999-02-12 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
	<i>edito 1999-08-10 7 . 0 . 1</i>			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: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	<i>smg-29 1999-06-25 7 . 0 . 0</i>			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: 7.7.0

freeze_meeting: smg-29

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
NP-06	1999-12-15	7	.	2	.	0
NP-07	2000-03-15	7	.	3	.	0
NP-09	2000-10-31	7	.	4	.	0
NP-11	2001-04-02	7	.	5	.	0
NP-17	2002-09-17	7	.	6	.	0
NP-23		7	.	7	.	0

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[get it](#) remarks - this release:

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TS 03.18 Basic Call Handling

R98 current version: 7.5.0

freeze_meeting: smg-29

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers KYMALAINEN, Kimmo

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
NP-05	1999-10-08	7	.	2	.	0
NP-07	2000-03-15	7	.	3	.	0
NP-09	2000-10-31	7	.	4	.	0
NP-22	2004-01-12	7	.	5	.	0

[get it](#) remarks - general:

[get it](#) remarks - this release:

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TS 03.19 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card

R98 current version: 7.5.0

freeze_meeting: smg-29

WG (prime / other): T3 / - rapporteur: DIETRICH, Christian Axalto, Schlumberger Systèmes S.A.

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version,

smg-28	1999-02-12	1	.	0	.	0
smg-29	1999-06-25	7	.	0	.	0
smg-31	2000-02-16	7	.	1	.	0
TP-08	2000-06-23	7	.	2	.	0
TP-08	2000-09-28	7	.	3	.	0
TP-10	2001-03-07	7	.	4	.	0
TP-11	2001-07-27	7	.	5	.	0

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TS 03.20	Security-related Network Functions								
R98	<i>current version:</i> 7.2.0		<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> NGUYEN NGOC,		France Telecom			
	<i>freeze_meeting:</i> smg-29		GP	Sebastien					
			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12 7 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-29 1999-06-25 7 . 1 . 0		get it	<i>remarks - this release:</i> #32:7.3.0? - status of CRs unclear.					
	smg-30 1999-11-11 7 . 2 . 0	CR at smg-32 would have created	get it						
		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	<i>current version:</i> 7.4.0		<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29			Peter Skov					
			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12 7 . 0 . 0		get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and					
	smg-29 1999-06-25 7 . 1 . 0		get it	<i>remarks - this release:</i> group receive mode".					
	smg-30 1999-11-11 7 . 2 . 0		get it						
	SP-06 1999-12-15 7 . 3 . 0		get it						
	SP-11 2001-04-11 7 . 4 . 0		get it						
<hr/>									
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29			Peter Skov					
			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TR 03.30	Radio Network Planning Aspects								
R98	<i>current version:</i> 7.1.0		<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf		TeliaSonera AB			
	<i>freeze_meeting:</i> smg-29			<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>		<i>G:</i> yes <i>U:</i>						
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-31 2000-02-16 7 . 1 . 0		get it	<i>remarks - this release:</i> #29: 7.0.0 #31:7.1.0					

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29					
	<i>history (event, available, version,</i>	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	smg-26 1998-06-26 7 . 0 . 0					
		get it		<i>remarks - general:</i>	2001-09-03: S3 secretary reports that this spec is not mature enough for official	
				<i>remarks - this release:</i>	publication. Work continues in 43.031. SP-18: in fact, in 23.031.	
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	SULTAN, Alain	SOURCE COM
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui	
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0					
	SP-08 2000-06-23 7 . 1 . 0					
	SP-18 2003-01-09 7 . 2 . 0					
		get it		<i>remarks - general:</i>		
		get it		<i>remarks - this release:</i>		
		get it				
<hr/>						
TS 03.33	Lawful Interception; Stage 2					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0					
	smg-29 1999-06-25 7 . 1 . 0					
	SP-10 2000-12-21 7 . 2 . 0					
		get it		<i>remarks - general:</i>		
		get it		<i>remarks - this release:</i>	#27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0	
		get it				
<hr/>						
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0					
		get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#29: 7.0.0	
<hr/>						
TS 03.35	Immediate Service Termination (IST); Stage 2					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29					
	<i>history (event, available, version,</i>	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	smg-27 1998-10-16 7 . 0 . 0					
	ETSI publication 2001-10-30 7 . 0 . 1					
		get it		<i>remarks - general:</i>		
		get it		<i>remarks - this release:</i>		

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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 Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 1998-06-26 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 7 . 1 . 0 [get it](#) *remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0*
smg-29 1999-06-25 7 . 2 . 0 [get it](#)

TS 03.40 Technical realization of the Short Message Service (SMS)

R98 *current version: 7.5.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 1998-06-26 7 . 0 . 0 [get it](#) *remarks - general: 2003-12-03: Note that this spec also contains stage 3.*
smg-27 1998-10-16 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 1999-06-25 7 . 2 . 0 [get it](#)
TP-05 1999-10-08 7 . 3 . 0 [get it](#)
TP-06 1999-12-15 7 . 4 . 0 [get it](#)
TP-14 2002-01-11 7 . 5 . 0 [get it](#)

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 *current version: 7.4.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 1999-12-15 7 . 2 . 0 [get it](#)
TP-07 2000-03-15 7 . 3 . 0 [get it](#)
TP-09 2000-10-19 7 . 4 . 0 [get it](#)

TS 03.42 SMS Compression

R98 *current version: 7.1.1* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 1998-06-26 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 1999-06-25 7 . 1 . 1 [get it](#)

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http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43 Support of Videotex
R98 *current version:* 7.0.0
freeze_meeting: SP-08
history (event, available, version, smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
Friedhelm
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R98 *current version:* 7.0.0
freeze_meeting: SP-08
history (event, available, version, smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
Friedhelm
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R98 *current version:* 7.0.1
freeze_meeting: smg-29
history (event, available, version, smg-29 1999-06-25 7 . 0 . 0
ETSI publication 2000-01-12 7 . 0 . 1

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
David
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version, smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
David
G: yes U: *MCC:* BOSWARTHICK, David

[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)
R98 *current version:* 7.0.0
freeze_meeting: SP-08
history (event, available, version, smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
Friedhelm
G: yes U: *MCC:* RODERMUND, Friedhelm

[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: JURISIC, Andrijana			
	history (event, available, version,					
	smg-28 1999-02-12 7 . 0 . 0	get it	remarks - general: SMG9->T3@#31			
	smg-29 1999-06-25 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 1999-06-25 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 S.p.A.		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0	get it	remarks - general:			
	ETSI publication 2000-01-12 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0 #32:7.1.0			
	smg-32 2000-06-20 7 . 1 . 0	get it				
	ETSI publication 2000-11-28 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 1999-02-12 7 . 0 . 0	get it	remarks - general:			
	ETSI PE 1999-05-26 7 . 0 . 1	get it	remarks - this release: #28: 7.0.0 #29: 7.1.0			
	smg-29 1999-06-25 7 . 1 . 0	get it				
	ETSI publication 2000-09-05 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:	MCC:	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-25 1998-03-20	7 . 0 . 0					<i>remarks - general:</i> Mar00: prime responsibility txfrd to SMG11		
	smg-29 1999-06-25	7 . 0 . 1					<i>remarks - this release:</i> #25: 7.0.0		
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC:	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7 . 0 . 0					<i>remarks - general:</i>		
							<i>remarks - this release:</i> #29: 7.0.0		
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2								
R98	<i>current version:</i> 7.1.1		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel				
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC:	YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12	7 . 0 . 0					<i>remarks - general:</i>		
	ETSI PE 1999-05-26	7 . 0 . 1					<i>remarks - this release:</i> #27: for info #28: 7.0.0 #29: 7.1.0		
	smg-29 1999-06-25	7 . 1 . 0							
	ETSI publication 2000-09-05	7 . 1 . 1							
TS 03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2								
R98	<i>current version:</i> 7.2.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd				
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC:	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7 . 0 . 0					<i>remarks - general:</i>		
	TP-06 1999-12-15	7 . 1 . 0					<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 2000-03-15	7 . 2 . 0							
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)								
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom				
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC:	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7 . 0 . 0					<i>remarks - general:</i>		
							<i>remarks - this release:</i> #29: 7.0.0		

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TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R98 *current version:* 7.9.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,

smg-28	1998-02-12	7	.	0	.	0	get it	<i>remarks - general:</i>
smg-29	1999-06-25	7	.	1	.	0	get it	<i>remarks - this release:</i>
ETSI publication	2000-01-20	7	.	1	.	1	get it	
SP-05	1999-10-08	7	.	2	.	0	get it	
SP-06	1999-12-15	7	.	3	.	0	get it	
ETSI publication	2000-07-07	7	.	3	.	1	get it	
SP-07	2000-03-15	7	.	4	.	0	get it	
ETSI publication	2000-09-22	7	.	4	.	1	get it	
SP-09	2001-02-01	7	.	5	.	0	get it	
SP-11	2001-04-19	7	.	6	.	0	get it	
SP-12	2001-06-29	7	.	7	.	0	get it	
SP-14	2002-01-08	7	.	8	.	0	get it	
edito		7	.	8	.	1		
SP-17	2002-10-02	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	2000-02-16	7	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i>

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

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	1999-06-25	7	.	0	.	0	get it	<i>remarks - general:</i>
smg-30	1999-11-11	7	.	1	.	0	get it	<i>remarks - this release:</i>

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TS 03.66	Support of GSM Mobile Number Portability (MNP); Stage 2					
R98	current version: 7.3.1	WG (prime / other):	N4 / -	rapporteur:	LOPEZ SORIA, Luis	Telefon AB LM Ericsson
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 1999-02-12			get it	remarks - general:	
	smg-29 1999-06-25			get it	remarks - this release: #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.)	
					TSG#7: 7.3.0	
	NP-05 1999-10-08			get it		
	NP-07 2000-03-15			get it		
	ETSI publication 2000-10-10			get it		
<hr/>						
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
R98	current version: 7.2.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 1999-06-25			get it	remarks - general:	
	NP-07 2000-03-17			get it	remarks - this release:	
	NP-10 2000-12-21			get it		
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R98	current version: 7.3.0	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 1999-06-25			get it	remarks - general:	
	NP-07 1999-12-15			get it	remarks - this release:	
	NP-09 2000-10-12			get it		
	NP-21 2003-10-10			get it		
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R98	current version: 7.3.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 1999-06-25			get it	remarks - general:	
	NP-07 2000-03-15			get it	remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0	
	NP-09 2000-10-12			get it		
	NP-21 2003-10-13			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 1999-06-25 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 1999-02-12 1 . 0 . 0
smg-29 1999-06-25 7 . 0 . 0
SA2-06 1999-07-30 7 . 2 . 0
edito 1999-12-29 7 . 2 . 1
smg-31 2000-02-16 7 . 3 . 0
smg-31b 2000-04-17 7 . 4 . 0
SP-11 2001-04-11 7 . 5 . 0
SP-12 2001-06-29 7 . 6 . 0
SP-13 2001-10-15 7 . 7 . 0
SP-14 2002-01-07 7 . 8 . 0
SP-15 2002-04-02 7 . 9 . 0
SP-16 2002-06-17 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:*
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TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0
smg-29 1999-06-25 7 . 0 . 1
NP-05 1999-10-08 7 . 1 . 0

WG (prime / other): N4 / - *rapporteur:* VACANT,
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 7.0.0 TSG#5 7.1.0
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R98 03 .- series
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 1999-02-12 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

smg-30 1999-11-11 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 customized 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 1999-02-12 7 . 0 . 0

ETSI publication 1999-08-16 7 . 0 . 1

smg-29 1999-06-25 7 . 1 . 0

NP-05 1999-10-13 7 . 2 . 0

NP-07 2000-03-17 7 . 3 . 0

NP-08 2000-06-23 7 . 4 . 0

NP-10 2001-01-04 7 . 5 . 0

NP-12 2001-07-02 7 . 6 . 0

visible figures 2001-07-04 7 . 6 . 1

NP-14 2002-01-04 7 . 7 . 0

NP-16 2002-06-17 7 . 8 . 0

Editorial correction 2002-08-21 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:*

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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 1999-02-12 7 . 0 . 0

smg-29 1999-06-25 7 . 1 . 0

NP-05 1999-10-08 7 . 2 . 0

NP-07 2000-03-15 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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	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 1999-02-12 7 . 0 . 0				get it	remarks - general:
	smg-29 1999-06-25 7 . 0 . 1				get it	remarks - this release: #28: 7.0.0
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 1999-06-25 7 . 0 . 0				get it	remarks - general:
						remarks - this release: #29: 7.0.0
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 1999-06-25 7 . 0 . 0				get it	remarks - general:
						remarks - this release: #29: 7.0.0
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 1999-06-25 7 . 0 . 0				get it	remarks - general:
						remarks - this release: #29: 7.0.0
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 1999-06-25 7 . 0 . 0				get it	remarks - general:
						remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 2000-01-12 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 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 1999-06-25 7 . 0 . 1	get it	<i>remarks - this release: #28: 7.0.0</i>			
	ETSI publication 1999-12-17 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 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mmO2 plc		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 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 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 1999-06-25 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 1999-06-25 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 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 1999-10-08 7 . 1 . 1 [get it](#)
NP-06 1999-12-15 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 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 1999-06-25 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		get it	remarks - general: remarks - this release: #29: 7.0.0			
<hr/>						
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 1999-06-25 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 04.04	Layer 1 - General Requirements					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG		
	history (event, available, version, smg-29 1999-06-25 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R98	current version: 7.1.2 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-29 1999-06-25 7 . 0 . 0 ETSI publication 2000-01-12 7 . 0 . 1 smg-31 2000-02-16 7 . 1 . 0 Editorial correction 2000-03-16 7 . 1 . 1 ETSI publication 2000-09-22 7 . 1 . 2	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release:			
		get it				
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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 *current version: 7.2.1* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	1999-06-25	7	.	0	.	0
ETSI publication	1999-12-14	7	.	0	.	1
smg-31	2000-02-16	7	.	1	.	0
Editorial correction	2000-02-16	7	.	1	.	1
ETSI publication	2000-09-29	7	.	1	.	2
GP-03	2001-01-31	7	.	2	.	0
edito	2001-01-31	7	.	2	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[get it](#)
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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	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
NP-05	1999-10-08	7	.	2	.	0
NP-06	1999-12-15	7	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.21.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
edito	1999-07-15	7	.	1	.	1
ETSI OAP	1999-08-11	7	.	1	.	2
ETSI publication	1999-12-29	7	.	1	.	3
NP-05	1999-10-08	7	.	2	.	0
smg-30b	1999-12-06	7	.	3	.	0
NP-06	1999-12-15	7	.	4	.	0
ETSI publication	2000-09-20	7	.	4	.	2
smg-31	2000-02-16	7	.	5	.	0
edito	2000-02-20	7	.	5	.	1
NP-07	2000-03-15	7	.	6	.	0
ETSI publicaton	2000-10-05	7	.	6	.	1
smg-31b	2000-04-17	7	.	7	.	0
smg-32	2000-06-28	7	.	8	.	0
GP-01/NP-09	2000-10-12	7	.	9	.	0
edito	2000-11-02	7	.	9	.	1
NP-10	2001-01-02	7	.	10	.	0
GP-04	2001-04-11	7	.	11	.	0
GP-05	2001-06-18	7	.	12	.	0
NP-12	2001-07-13	7	.	13	.	0
GP-06	2001-09-14	7	.	14	.	0
GP-07	2002-01-04	7	.	15	.	0
NP-14	2002-01-07	7	.	16	.	0
GP-08	2002-02-19	7	.	17	.	0
NP-17	2002-09-17	7	.	18	.	0
NP-18	2002-12-18	7	.	19	.	0
correction to	2003-04-25	7	.	19	.	1
history box						
GP-15	2003-07-10	7	.	20	.	0
edirial	2003-09-12	7	.	20	.	1
NP-22	2004-01-05	7	.	21	.	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

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remarks - this release: Thomasen (even numbered CRs!)

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 7 . 0 . 1	get it	<i>remarks - this release:</i>		
	NP-14 2002-01-10 7 . 1 . 0	get it			
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-09 2000-10-12 7 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 2000-01-12 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 2000-01-12 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		

G = required in systems with GERAN access; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/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	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7 . 0 . 0	get it	<i>remarks - general:</i>					
	smg-30 1999-11-11	7 . 1 . 0	get it	<i>remarks - this release:</i>					
	smg-32 2000-06-20	7 . 2 . 0	get it						
	GP-10 2002-07-19	7 . 3 . 0	get it						

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16	7 . 0 . 0	get it	<i>remarks - general:</i>					
	edito 1998-11-23	7 . 0 . 1	get it	<i>remarks - this release: #27: 7.0.0 TSG#8:7.1.0</i>					
	smg-29 1999-06-25	7 . 0 . 2	get it						
	ETSI publication 1999-12-14	7 . 0 . 3	get it						
	NP-08 2000-06-21	7 . 1 . 0	get it						

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R98	<i>current version:</i> Switching Centre (BSS - MSC) interface 7.1.0	<i>WG (prime / other):</i> N3	<i>rapporteur:</i> KLEHN, Norbert						
SIEMENS AG									
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12	7 . 0 . 0	get it	<i>remarks - general:</i>					
	ETSI publication 1999-08-31	7 . 0 . 1	get it	<i>remarks - this release:</i>					
	NP-06 1999-12-15	7 . 1 . 0	get it						

TS 04.30	Location Services (LCS); Supplementary service operations; Stage 3								
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	smg-30b 1999-12-06	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 2000-02-16	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 2000-06-21	7 . 2 . 0	get it						
	NP-14 2002-01-10	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 04 .- series
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TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R98	<i>current version:</i> 7.13.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-30	1 . 0 . 0		<i>remarks - this release:</i>	
	smg-30b 1999-12-06	7 . 0 . 1	get it		
	smg-31 2000-02-16	7 . 1 . 0	get it		
	smg-31b 2000-04-17	7 . 2 . 0	get it		
	GP-02 2000-11-30	7 . 3 . 0	get it		
	GP-03 2001-01-31	7 . 4 . 0	get it		
	edito 2001-01-31	7 . 4 . 1	get it		
	GP-04 2001-05-04	7 . 5 . 0	get it		
	GP-05 2001-06-18	7 . 6 . 0	get it		
	GP-06 2001-09-14	7 . 7 . 0	get it		
	GP-07 2002-01-08	7 . 8 . 0	get it		
	GP-08 2002-02-19	7 . 9 . 0	get it		
	GP-09 2002-05-02	7 . 10 . 0	get it		
	GP-10 2002-07-19	7 . 11 . 0	get it		
	GP-16 2003-09-12	7 . 12 . 0	get it		
	GP-18 2004-02-23	7 . 13 . 0	get it		

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-30b 1999-12-06	7 . 0 . 1	get it	<i>remarks - this release:</i>	
	smg-31b 2000-04-17	7 . 1 . 0	get it		
	GP-01 2000-10-11	7 . 2 . 0	get it		
	GP-03 2001-01-31	7 . 3 . 0	get it		
	GP-07 2002-01-08	7 . 4 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI PE 1999-05-25 7 . 0 . 1 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0
smg-29 1999-06-25 7 . 1 . 0 [get it](#)
ETSI publication 2000-09-05 7 . 1 . 1 [get it](#)

TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

R98 *current version:* 7.0.3 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI PE 1999-05-26 7 . 0 . 1 [get it](#) *remarks - this release:* #28: 7.0.0
ETSI Vote 2000-05-22 7 . 0 . 2 [get it](#)
ETSI publication 2000-09-05 7 . 0 . 3 [get it](#)

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R98 *current version:* 7.10.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 1999-11-11 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-30b 1999-12-06 7 . 2 . 0 [get it](#)
smg-31 2000-02-16 7 . 3 . 0 [get it](#)
smg-32 2000-06-28 7 . 5 . 0 [get it](#)
GP-01 2000-10-11 7 . 6 . 0 [get it](#)
GP-02 2000-11-27 7 . 7 . 0 [get it](#)
GP-03 2001-01-31 7 . 8 . 0 [get it](#)
GP-04 2001-05-04 7 . 9 . 0 [get it](#)
GP-10 2002-07-19 7 . 10 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3
R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *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
R98 *current version:* 7.5.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 1999-11-11 7 . 1 . 0 [get it](#) *remarks - this release:*
SP-06 1999-12-15 7 . 2 . 0 [get it](#)
smg-31 2000-02-16 7 . 3 . 0 [get it](#)
NP-10 2001-01-02 7 . 4 . 0 [get it](#)
NP-14 2002-01-04 7 . 5 . 0 [get it](#)

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
R98 *current version:* 7.3.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
smg-30 1999-11-11 7 . 1 . 0 [get it](#) *remarks - this release:*
post SP-06 1999-12-15 7 . 2 . 0 [get it](#)
smg-31 2000-02-16 7 . 3 . 0 [get it](#)

TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3
R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
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TS 04.68	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 1999-06-25	7	.	0	.	0	get it	<i>remarks - general:</i>	
	smg-30 1999-11-11	7	.	1	.	0	get it	<i>remarks - this release:</i>	
	NP-07 2000-03-15	7	.	2	.	0	get it		
TS 04.69	Broadcast Call Control (BCC) 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 1999-06-25	7	.	0	.	0	get it	<i>remarks - general:</i>	
	smg-30 1999-11-11	7	.	1	.	0	get it	<i>remarks - this release:</i>	
	NP-07 2000-03-15	7	.	2	.	0	get it		
TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification								
R98	<i>current version:</i> 7.5.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29			<i>G: yes U:</i>	Peter Skov				
	<i>history (event, available, version,</i>				<i>MCC:</i> THOMASEN, Gert				
	smg-28 1999-02-12	1	.	0	.	0	get it	<i>remarks - general:</i> Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.	
	smg-29 1999-06-25	7	.	0	.	0	get it	<i>remarks - this release:</i>	
	smg-30b 1999-12-15	7	.	1	.	1	get it		
	smg-32 2000-06-28	7	.	2	.	0	get it		
	GP-05 2001-06-18	7	.	3	.	0	get it		
	GP-07 2002-01-08	7	.	4	.	0	get it		
	GP-10 2002-07-22	7	.	5	.	0	get it		
TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3								
R98	<i>current version:</i> 7.0.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> smg-29			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12	7	.	0	.	0	get it	<i>remarks - general:</i>	
	ETSI publication 2001-10-30	7	.	0	.	1	get it	<i>remarks - this release:</i> #27: for info #28: 7.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R98 *current version:* 7.4.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
NP-06 1999-12-15 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 2000-03-15 7 . 2 . 0 [get it](#)
NP-08 2000-06-21 7 . 3 . 0 [get it](#)
NP-09 2000-09-28 7 . 4 . 0 [get it](#)
editorial 2003-10-09 7 . 4 . 1 [get it](#)

TS 04.81 Line Identification Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
Publication 2000-01-12 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98 *current version:* 7.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
<to be defined> 1999-12-14 7 . 0 . 2 [get it](#) *remarks - this release:* #28: 7.0.0

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
Publication 2000-01-12 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-01-12 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	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 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 2000-01-12 7 . 0 . 1	get it	<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
TS 04.87	User-to-User Signalling (UUS) Supplementary Service; Stage 3					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	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 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 1999-12-16 7 . 0 . 2	get it	<i>remarks - this release: #28: 7.0.0</i>			
<hr/>						
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	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 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	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 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 2000-01-12 7 . 0 . 1	get it	<i>remarks - this release: #29: 7.0.0</i>			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0
ETSI Publication 2000-01-12 7 . 0 . 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: #29: 7.0.0*

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 1999-06-25 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 1999-06-25 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 1999-02-12 7 . 0 . 0
smg-30 1999-11-11 7 . 1 . 0
GP-07 2002-01-04 7 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 current version: 7.7.0

freeze_meeting: smg-29

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
smg-30	1999-11-11	7	.	2	.	0
smg-30b	1999-12-06	7	.	3	.	0
ETSI publication	2000-07-17	7	.	3	.	1
smg-31	2000-02-16	7	.	4	.	0
ETSI publication	2000-09-29	7	.	4	.	1
smg-31b	2000-04-17	7	.	5	.	0
ETSI publication	2000-10-17	7	.	5	.	1
GP-02	2000-11-24	7	.	6	.	0
edito	2000-11-30	7	.	6	.	1
edito	2001-04-20	7	.	6	.	2
GP-06	2001-10-01	7	.	7	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
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[get it](#)

TS 05.03 Channel coding

R98 current version: 7.3.1

freeze_meeting: smg-29

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
smg-30	1999-11-11	7	.	2	.	0
smg-31	1999-02-16	7	.	3	.	0
ETSI publication	2001-02-17	7	.	3	.	1

[get it](#) remarks - general:
[get it](#) remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0
[get it](#)
[get it](#)
[get it](#)

TS 05.04 Modulation

R98 current version: 7.3.0

freeze_meeting: smg-29

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	1999-06-25	7	.	0	.	0
ETSI publication	2000-06-20	7	.	0	.	1
smg-30b	1999-12-06	7	.	1	.	0
ETSI publication	2000-06-20	7	.	1	.	1
GP-03	2001-02-15	7	.	2	.	0
GP-05	2001-06-29	7	.	3	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R98 *current version: 7.9.0*
freeze_meeting: smg-29
history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0
smg-29 1999-06-25 7 . 1 . 0
ETSI publication 1999-12-14 7 . 1 . 1
smg-30 1999-11-11 7 . 2 . 0
smg-31 2000-02-16 7 . 3 . 0
ETSI publication 2000-10-15 7 . 3 . 1
smg-31b 2000-04-17 7 . 4 . 0
ETSI publication 2000-10-27 7 . 4 . 1
GP-01 2000-10-10 7 . 5 . 0
GP-06 2001-10-01 7 . 6 . 0
GP-09 2002-05-06 7 . 7 . 0
GP-10 2002-07-19 7 . 8 . 0
GP-11 2002-09-19 7 . 9 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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[get it](#)
[get it](#)
[get it](#)

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-31b 2000-04-17 7 . 4 . 0
ETSI publication 7 . 4 . 1
GP-01 2000-10-10 7 . 5 . 0
GP-02 2000-11-24 7 . 6 . 0
edito 2000-11-30 7 . 6 . 1
GP-06 2001-10-01 7 . 7 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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TS 05.09	Link adaptation					
R98	<i>current version:</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>	G: yes U:	MCC: USAI, Paolino			
	smg-28 1999-02-12	7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 1999-06-24	7 . 0 . 1	get it	<i>remarks - this release:</i>		
	ETSI publication 1999-12-16	7 . 0 . 2	get it			
	smg-30 1999-11-11	7 . 1 . 0	get it			
	smg-31 1999-02-16	7 . 2 . 0	get it			
	ETSI publication 2000-10-05	7 . 2 . 1	get it			
	smg-32 2000-06-28	7 . 3 . 0	get it			
	GP-02 2000-09-01	7 . 4 . 0	get it			
	GP-03 2001-02-15	7 . 5 . 0	get it			
	remove revision 2001-07-31	7 . 5 . 1	get it			
	marks					
	GP-06 2001-10-01	7 . 6 . 0	get it			
	GP-07 2002-01-04	7 . 7 . 0	get it			
TS 05.10	Radio subsystem synchronization					
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-26 1998-06-26	7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25	7 . 1 . 0	get it	<i>remarks - this release:</i> GERAN#2:7.4.0		
	ETSI publication 1999-12-14	7 . 1 . 1	get it			
	smg-30 1999-11-11	7 . 2 . 0	get it			
	smg-31b 2000-04-17	7 . 3 . 0	get it			
	ETSI publication 2000-10-17	7 . 3 . 1	get it			
	GP-02 2000-11-24	7 . 4 . 0	get it			
TS 05.14	Release independent frequency bands; Implementation guidelines					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-02 2001-01-05	7 . 0 . 0	get it	<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
	GP-05 2001-06-29	7 . 1 . 0	get it	<i>remarks - this release:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
Changed from G2 to G1 at same time.						
	GP-10 2002-07-19	7 . 2 . 0	get it	GERAN#2:7.0.0		

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Server ACTIVE specs R98 05 .- series
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TR 05.22	Radio link management in hierarchical networks				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	Upgrade to 2000-03-30 7 . 0 . 0	get it	<i>remarks - general:</i>		
	Release 98		<i>remarks - this release:</i> .		
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TR 05.50	Background for RF Requirements				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	Peter Skov		
	<i>history (event, available, version,</i>		<i>MCC:</i> USAI, Paolino		
	smg-26 1998-06-26 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 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 1999-11-11 7 . 2 . 0	get it			
	smg-31 2000-02-16 7 . 3 . 0	get it			
	smg-31b 2000-04-17 7 . 4 . 0	get it			
<hr/>					
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	ETSI Publication 2000-09-05 7 . 1 . 1	get it			
<hr/>					
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	upgrade to R98 2001-04-10 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.		

R98

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions								
R98	<i>current version:</i> 7.0.2								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12	7	.	0	.	0			
	ETSI Publication 1999-12-14	7	.	0	.	2			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>									
TS 06.02	Half Rate Speech Processing Functions								
R98	<i>current version:</i> 7.0.2								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12	7	.	0	.	0			
	ETSI Publication 1999-12-14	7	.	0	.	2			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>									
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec								
R98	<i>current version:</i> 7.0.1								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7	.	0	.	0			
	ETSI Publication 2000-01-20	7	.	0	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i> #29: 7.0.0	
<hr/>									
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec								
R98	<i>current version:</i> 7.0.1								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7	.	0	.	0			
	ETSI Publication 2000-01-20	7	.	0	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i> #29: 7.0.0	
<hr/>									
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec								
R98	<i>current version:</i> 7.0.0								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i> #29: 7.0.0	

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TS 06.10	Full Rate Speech Transcoding								
R98	<i>current version: 7.2.0</i>								
	<i>freeze_meeting: smg-29</i>								
	<i>history (event, available, version,</i>								
	smg-28 1999-02-12	7	.	0	.	0		get it	<i>remarks - general:</i>
	ETSI OAP 1999-07-28	7	.	0	.	1		get it	<i>remarks - this release:</i>
	ETSI publication 1999-12-14	7	.	0	.	2		get it	
	inclusion of zip files	2000-03-29	7	.	0	.	3	get it	
	inclusion of doc file (!)	2000-05-31	7	.	0	.	4	get it	
	smg-32 2000-06-20	7	.	1	.	0		get it	
	SP-12 2001-06-29	7	.	2	.	0		get it	
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels								
R98	<i>current version: 7.0.1</i>								
	<i>freeze_meeting: smg-29</i>								
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7	.	0	.	0		get it	<i>remarks - general:</i>
	ETSI Publication 1999-12-29	7	.	0	.	1		get it	<i>remarks - this release: #29: 7.0.0</i>
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels								
R98	<i>current version: 7.1.0</i>								
	<i>freeze_meeting: smg-29</i>								
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7	.	0	.	0		get it	<i>remarks - general:</i>
	ETSI Publication 2000-01-12	7	.	0	.	1		get it	<i>remarks - this release: #29: 7.0.0</i>
	SP-12 2001-06-29	7	.	1	.	0		get it	
TS 06.20	Half Rate Speech Transcoding								
R98	<i>current version: 7.0.1</i>								
	<i>freeze_meeting: smg-29</i>								
	<i>history (event, available, version,</i>								
	smg-29 1999-06-25	7	.	0	.	0		get it	<i>remarks - general:</i>
	ETSI publication 2000-01-17	7	.	0	.	1		get it	<i>remarks - this release: #29: 7.0.0</i>

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TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
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 1999-06-25 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 2000-01-17 7 . 0 . 1	get it		remarks - this release: #29: 7.0.0		
<hr/>						
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0	get it		remarks - general:		
	ETSI Publication 2000-01-20 7 . 0 . 1	get it		remarks - this release: #29: 7.0.0		
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0	get it		remarks - general:		
	ETSI Publication 2000-01-12 7 . 0 . 1	get it		remarks - this release: #29: 7.0.0		
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0	get it		remarks - general:		
	ETSI Publication 2000-01-13 7 . 0 . 1	get it		remarks - this release: #29: 7.0.0		
<hr/>						
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 1999-06-25 7 . 0 . 0	get it		remarks - general:		
	ETSI Publication 2000-01-20 7 . 0 . 1	get it		remarks - this release: #29: 7.0.0		

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TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech 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 1999-06-25 7 . 0 . 0					get it	<i>remarks - general:</i>		
	ETSI Publication 2000-01-20 7 . 0 . 1					get it	<i>remarks - this release:</i> #29: 7.0.0		
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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 1999-02-12 7 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 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 2000-06-20 7 . 1 . 0					get it			
	ETSI publication 2000-11-30 7 . 1 . 1					get it			
	SP-10 2000-12-20 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 1999-06-25 7 . 0 . 0					get it	<i>remarks - general:</i>		
	ETSI Publication 2000-01-12 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>								
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	ETSI publication 2000-01-12 7 . 0 . 1					get it	<i>remarks - this release:</i>		
	SP-10 2000-12-20 7 . 2 . 0					get it			

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http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R98	<i>current version:</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>					
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					<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 1999-02-12 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 1999-12-13 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 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 2000-01-12 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 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 2000-01-12 7 . 0 . 1			get it	<i>remarks - this release:</i> #29: 7.0.0	
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TS 06.71	Adaptive Multi-Rate speech processing functions; General description					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0			get it	<i>remarks - general:</i> SMG11->S4 at SMG#30	
	ETSI Publication 1999-12-16 7 . 0 . 2			get it	<i>remarks - this release:</i> #28: 7.0.0	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.73	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 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 1999-02-12	7 . 0 . 0		get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30			
	smg-29 1999-06-25	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 1999-11-11	7 . 2 . 0		get it					
	SP-06 1999-12-17	7 . 3 . 0		get it					
	SP-07 2000-03-15	7 . 4 . 0		get it					
	ETSI Publication 2000-09-28	7 . 4 . 1		get it					
	SP-11 2001-04-10	7 . 5 . 0		get it					
	SP-14 2002-01-09	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 1999-02-12	2 . 0 . 0		get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30			
	SP-06 1999-12-17	7 . 0 . 0		get it	<i>remarks - this release:</i>				
	corrected test 2000-02-04	7 . 0 . 1		get it					
	vectors								
	corrected test 2000-09-14	7 . 0 . 2		get it					
	vectors								
	ETSI publication 2000-10-05	7 . 0 . 3		get it					
	SP-11 2001-04-10	7 . 1 . 0		get it					
	corrected tests 2001-07-04	7 . 1 . 1		get it					
	SP-15 2002-03-28	7 . 2 . 0		get it					
	SP-16 2002-06-28	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 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 1999-06-25	1 . 0 . 0		get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30			
	smg-30 1999-11-11	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 1999-12-17	7 . 1 . 0		get it					
	SP-07 2000-03-17	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 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 2000-02-16 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 2000-03-17 7 . 0 . 0			get it			
	fix invisible 2002-01-10 7 . 0 . 1			get it			
	refix invisible 2002-01-15 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 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>		
	smg-30 1999-11-11 7 . 1 . 0			get it	<i>remarks - this release:</i>	#29: 7.0.0 #30: 7.1.0	
	ETSI Publication 2000-05-09 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 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>		
	ETSI Publication 2000-01-12 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 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 1999-06-25 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	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30			
	smg-29 1999-06-25 7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 #30: 7.2.0			
	smg-30 1999-11-11 7 . 2 . 0	get it				
	ETSI Publication 2000-05-09 7 . 2 . 1	get it				

TS 06.91	Substitution and muting of lost frames for AMR speech traffic channels					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30			
	smg-30 1999-11-11 7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 #30: 7.1.0			
	ETSI Publication 2000-05-09 7 . 1 . 1	get it				

TS 06.92	Comfort noise aspects for Adaptive Multi-Rate speech traffic channels					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30			
	smg-29 1999-06-25 7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0			
	ETSI Publication 1999-12-17 7 . 1 . 1	get it				

TS 06.93	Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30			
	smg-29 1999-06-25 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 TSG#8:7.4.0 TSG#10:7.5.0			
	smg-30 1999-11-11 7 . 2 . 0	get it				
	SP-06 1999-12-17 7 . 3 . 0	get it				
	ETSI publication 2001-03-21 7 . 3 . 1	get it				
	SP-08 2000-06-28 7 . 4 . 0	get it				
	ETSI publication 2000-11-30 7 . 4 . 1	get it				
	SP-10 2000-12-21 7 . 5 . 0	get it				

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels
R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*
smg-29 1999-06-25 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0*
ETSI Publication 1999-12-22 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 1998-10-16 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 1999-08-10 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 1998-10-16 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1999-08-10 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 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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Server ACTIVE specs R98 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R98 *current version:* 7.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1999-08-17 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version:* 7.8.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-26 1998-06-26 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 1998-10-16 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 1999-02-12 7 . 2 . 0 [get it](#)
smg-29 1999-06-25 7 . 3 . 0 [get it](#)
TP-05 1999-10-13 7 . 4 . 0 [get it](#)
TP-06 1999-12-15 7 . 5 . 0 [get it](#)
TP-11 2001-04-06 7 . 6 . 0 [get it](#)
TP-14 2002-01-11 7 . 7 . 0 [get it](#)
TP-19 2003-03-28 7 . 8 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98 *current version:* 7.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
TP-05 1999-10-08 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 2002-03-26 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:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
NP-05 1999-10-08 7 . 1 . 0 [get it](#) *remarks - this release:* #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0
NP-11 2001-04-04 7 . 2 . 0 [get it](#)

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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 1999-06-25 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 1999-06-25 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 1999-02-12 7 . 0 . 0 ETSI Publication 1999-08-17 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 1999-02-12 7 . 0 . 0 ETSI Publication 1999-08-17 7 . 0 . 1	G: yes U:	MCC:		get it remarks - general: get it remarks - this release:	

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TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R98 *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	1998-03-20	7	.	0	.	0
smg-28	1999-02-12	7	.	1	.	0
smg-29	1999-06-25	7	.	2	.	0
smg-30	1999-11-11	7	.	3	.	0
smg-30b	1999-12-06	7	.	4	.	0
smg-31b	2000-04-17	7	.	5	.	0
smg-31	2000-02-16	7	.	5	.	0
smg-32	2000-06-20	7	.	6	.	0
edito	2000-09-14	7	.	6	.	1
GP-01	2000-10-11	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	1999-02-12	7	.	0	.	0
ETSI Publication	1999-08-30	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	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	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	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25	7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 1999-11-11	7 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-31 2000-02-16	7 . 3 . 0	get it			
	ETSI publication 2000-05-26	7 . 3 . 1	get it			
	GP-03 2001-01-31	7 . 4 . 0	get it			
	GP-05 2001-06-18	7 . 5 . 0	get it			

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16	7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25	7 . 0 . 1	get it	<i>remarks - this release:</i>		
	NP-11 2001-04-04	7 . 1 . 0	get it			

TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-30	1 . 0 . 0		<i>remarks - general:</i>		
	smg-30b 1999-12-06	7 . 0 . 1	get it	<i>remarks - this release:</i>		
	GP-05 2001-06-18	7 . 1 . 0	get it			

TS 08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25	7 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	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 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	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 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	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 1999-06-25 7 . 0 . 0	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					
R98	<i>current version:</i> 7.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 1999-06-25 7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0			
	smg-30 1999-11-11 7 . 2 . 0	get it				
	smg-31 2000-02-16 7 . 4 . 0	get it				
	ETSI Publication 2000-05-26 7 . 4 . 1	get it				

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TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 2000-06-25	7 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	smg-30 1999-11-11	7 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-30b 1999-12-06	7 . 2 . 0	get it			
	ETSI publication 2000-09-07	7 . 2 . 1	get it			
	GP-08 2002-02-19	7 . 3 . 0	get it			

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 1999-06-25	7 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	smg-30 1999-11-11	7 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-30b 1999-12-06	7 . 2 . 0	get it			
	Edito 1999-12-15	7 . 2 . 1	get it			
	GP-08 2002-02-19	7 . 3 . 0	get it			

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12	7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30		
	SP-07 1999-03-15	7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 TSG#7: 7.1.0		
	edito 2000-08-09	7 . 1 . 1	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3				
R98	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30b 1999-12-06 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	edito 1999-12-31 7 . 1 . 1	get it			
	smg-31 2000-02-16 7 . 2 . 0	get it			
	smg-31b 2000-04-17 7 . 3 . 0	get it			
	GP-02 2000-11-30 7 . 4 . 0	get it			
	GP-06 2001-09-14 7 . 5 . 0	get it			
	GP-07 2002-01-08 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:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 1999-06-25 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: 7.15.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
NP-05	1999-10-08	7	.	2	.	0
NP-06	1999-12-13	7	.	3	.	0
NP-07	2000-03-15	7	.	4	.	0
NP-08	2000-06-21	7	.	5	.	0
edito	2000-09-04	7	.	5	.	1
NP-09	2000-11-08	7	.	6	.	0
NP-10	2000-12-21	7	.	7	.	0
NP-11	2001-04-06	7	.	8	.	0
NP-12	2001-07-06	7	.	9	.	0
NP-14	2002-01-18	7	.	10	.	0
NP-15	2002-04-04	7	.	11	.	0
NP-18	2003-01-08	7	.	12	.	0
NP-19	2003-04-07	7	.	13	.	0
NP-21	2003-10-09	7	.	14	.	0
NP-23		7	.	15	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: CN->N4 Apr00 (JMM)

[get it](#) remarks - this release:

[get it](#)

[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)

ETSI Secretariat

7.0.0 WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David

freeze_meeting: smg-29

G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-29	1999-06-25	7	.	0	.	0
--------	------------	---	---	---	---	---

[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #29: 7.0.0

TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98 current version: 7.0.0

freeze_meeting: smg-29

history (event, available, version,

smg-29	1999-06-25	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

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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 1999-06-25 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 1999-06-25 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 1998-10-16 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-28 1999-02-12 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 1999-06-25 7 . 1 . 1			get it					
	NP-06 1999-12-15 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 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-30 1999-11-11 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 1999-12-13 7 . 2 . 0			get it					

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TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R98	current version: Procedures and the Mobile Application Part (MAP)	7.2.0	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	1999-06-25	7	.	0	.	0	get it	remarks - general:
	NP-06	1999-12-15	7	.	1	.	0	get it	remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0
	NP-11	2001-04-04	7	.	2	.	0	get it	

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	1999-02-12	7	.	0	.	0	get it	remarks - general:
	ETSI Publication	1999-03-12	7	.	0	.	1	get it	remarks - this release: #28: 7.0.0

TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R98	current version: 7.0.0		WG (prime / other):	N4	/ -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-29	1999-06-25	7	.	0	.	0	get it	remarks - general:
									remarks - this release:

TS 09.14	Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol								
R98	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	1999-06-30	7	.	0	.	1	get it	remarks - general: EN 302 646
	ETSI publication	2000-09-26	7	.	0	.	2	get it	remarks - this release: (SPAN1)

TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R98	current version: 7.0.1		WG (prime / other):	N1	/ -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-29		G: yes	U:		MCC:	JORGENSEN, Per Johan		
history (event, available, version,									
	smg-28	1999-02-12	7	.	0	.	0	get it	remarks - general:
	ETSI Publication	1999-08-17	7	.	0	.	1	get it	remarks - this release:

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TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R98 *current version:* 7.5.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0	get it <i>remarks - general:</i>
smg-29	1999-06-25	7	.	1	.	0	get it <i>remarks - this release:</i>
NP-05	1999-10-08	7	.	2	.	0	get it
NP-07	2000-03-15	7	.	3	.	0	get it
NP-13	2001-10-02	7	.	4	.	0	get it
NP-14	2002-01-04	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-30b	1999-12-06	7	.	0	.	0	get it <i>remarks - general:</i>
smg-31	2000-02-16	7	.	1	.	0	get it <i>remarks - this release:</i>
smg-31b	2000-04-17	7	.	2	.	0	get it
smg-32	2000-06-28	7	.	3	.	0	get it
GP-01	2000-10-11	7	.	4	.	0	get it
ETSI publication		7	.	4	.	1	ETSI format only. Not for 3GPP use.
GP-06	2001-09-18	7	.	5	.	0	get it
GP-07	2002-01-08	7	.	6	.	0	get it
GP-10	2002-07-19	7	.	7	.	0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS

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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	1999-02-12	7	.	0	.	0	get it <i>remarks - general:</i>
smg-29	1999-06-25	7	.	1	.	0	get it <i>remarks - this release:</i>
NP-05	1999-10-08	7	.	2	.	0	get it
NP-06	1999-12-15	7	.	3	.	0	get it
NP-07	2000-03-15	7	.	4	.	0	get it
NP-08	2000-06-21	7	.	5	.	0	get it
NP-09	2000-10-31	7	.	6	.	0	get it
NP-11	2001-04-02	7	.	7	.	0	get it
edito	2001-07-04	7	.	7	.	1	prob with figures. Expect an update. get it
make figures visible	2001-08-09	7	.	7	.	2	get it
NP-13	2001-10-03	7	.	8	.	0	get it
NP-16	2002-06-21	7	.	9	.	0	get it
NP-18	2003-01-07	7	.	10	.	0	get it

TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)

R98 *current version:* 7.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,

smg-28	1999-02-12	7	.	0	.	0	get it <i>remarks - general:</i>
smg-29	1999-06-25	7	.	1	.	0	get it <i>remarks - this release:</i>
NP-06	1999-12-15	7	.	2	.	0	get it
NP-11	2001-04-04	7	.	3	.	0	get it
NP-13	2001-10-12	7	.	4	.	0	get it
NP-14	2002-01-14	7	.	5	.	0	get it
NP-15	2002-03-20	7	.	6	.	0	get it
NP-16	2002-07-02	7	.	7	.	0	get it
NP-18	2003-01-09	7	.	8	.	0	get it
NP-19	2003-03-27	7	.	9	.	0	get it
NP-20	2003-06-23	7	.	10	.	0	get it

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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 1999-06-25	7 . 0 . 0		get it	remarks - general:				
	NP-08 2000-06-21	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 2002-06-26	7 . 0 . 0		get it	remarks - general:				
	edito post NP-18 2002-12-16	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 2001-04-20	7 . 0 . 0		get it	remarks - general:				
	GP-07 2002-01-04	7 . 1 . 0		get it	remarks - this release:				
	GP-08 2002-02-19	7 . 2 . 0		get it					
	GP-12 2003-01-03	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-26 1998-09-11	7 . 0 . 0		get it	remarks - general:				
	smg-27	7 . 1 . 0	Not available		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 1998-08-28 2 . 0 . 1 [get it](#) *remarks - general:*
smg-27 2000-02-09 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 1998-10-16 0 . 0 . 1 [get it](#) *remarks - general:*
smg-28 1999-02-12 0 . 2 . 0 [get it](#) *remarks - this release:*
draft 1999-02-05 0 . 2 . 1 [get it](#)

R98 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R98 *current version:* 7.3.0 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-30 1999-11-11 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 2000-02-16 7 . 2 . 0 [get it](#)
editorial correction 2000-02-16 7 . 2 . 1 [get it](#)
GP-06 2001-09-06 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 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R98 *current version:* 7.0.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-29

G3ne
w

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version,
GP-13 2003-02-21 7 . 0 . 0

[get it](#) *remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
remarks - this release: GP-13: doc becomes pointer to latest Rel version. version not derived from R96 by CR;

also to withdraw the R96 version, since the

R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).

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:* JURISIC, Andrijana

history (event, available, version,
smg-26 1998-06-26 7 . 0 . 0
smg-27 1998-10-16 7 . 1 . 0
smg-28 1999-02-12 7 . 2 . 0
smg-29 1999-06-25 7 . 3 . 0
smg-30 1999-11-11 7 . 4 . 0
smg-31 2000-02-16 7 . 5 . 0
smg-32 2000-06-28 7 . 6 . 0
edito 2000-07-24 7 . 6 . 1
TP-14 2002-01-17 7 . 7 . 0

[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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TS 11.13	Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card									
R98	<i>current version:</i> 7.4.2				<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando			Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-11									
					G: yes U:	MCC:	JURISIC, Andrijana			
	<i>history (event, available, version,</i>									
	T3-16			0 . 2 . 0					<i>remarks - general:</i>	
	TP-10 2001-01-11			1 . 0 . 0					<i>remarks - this release:</i>	get it
	TP-11 2001-05-16			7 . 0 . 0	late delivery due to very poor initial formatting					get it
	edito 2002-08-08			7 . 0 . 1	7.0.0. had wrong date on cover page / header					get it
	TP-12 2001-07-12			7 . 1 . 0						get it
	TP-13 2001-10-12			7 . 2 . 0						get it
	TP-14 2002-02-01			7 . 3 . 0						get it
	TP-15 2002-04-04			7 . 4 . 0						get it
	edito post TP-15 2002-04-12			7 . 4 . 1	adds missing annex attachments					get it
	edito post TP-17 2002-09-18			7 . 4 . 2	changes reference to withdrawn ETSI TS.					get it

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface									
R98	<i>current version:</i> 7.7.0				<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian			Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-29									
					G: yes U:	MCC:	JURISIC, Andrijana			
	<i>history (event, available, version,</i>									
	smg-26 1998-06-26			7 . 0 . 0					<i>remarks - general:</i>	
	smg-27 1998-10-16			7 . 1 . 0					<i>remarks - this release:</i>	get it
	smg-28 1999-02-12			7 . 2 . 0						get it
	smg-29 1999-06-25			7 . 3 . 0						get it
	smg-31 2000-02-16			7 . 4 . 0						get it
	smg-32 2000-06-28			7 . 5 . 0						get it
	TP-09 2000-10-18			7 . 6 . 0						get it
	TP-12 2001-07-06			7 . 7 . 0						get it

TS 11.17	Subscriber Interface Module (SIM) test specification									
R98	<i>current version:</i> 7.0.2				<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> smg-29									
					G: yes U:	MCC:	JURISIC, Andrijana			
	<i>history (event, available, version,</i>									
	smg-28 1999-02-12			7 . 0 . 0					<i>remarks - general:</i>	
	ETSI Publication 1999-12-14			7 . 0 . 2					<i>remarks - this release:</i>	get it

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	smg-25 1998-03-20 1 . 0 . 0				get it	<i>remarks - general:</i>
	smg-28 1999-02-12 7 . 0 . 0					<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>
	ETSI Publication 1999-08-17 7 . 0 . 1				get it	
					get it	
<hr/>						
TS 11.19	CTS SIM Fixed Part					
R98	<i>current version:</i> 7.0.3	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HUBBE, Pascal	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0				get it	<i>remarks - general:</i>
	ETSI Publication 2000-09-05 7 . 0 . 3				get it	<i>remarks - this release: #28: 7.0.0</i>
<hr/>						
TS 11.21	Base Station System (BSS) equipment specification; Radio aspects					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 7 . 0 . 0				get it	<i>remarks - general:</i>
	smg-29 1999-06-25 7 . 1 . 0				get it	<i>remarks - this release:</i>
	smg-30 1999-11-11 7 . 2 . 0				get it	
	ETSI Publication 2000-05-09 7 . 2 . 1				get it	
	GP-12 2003-01-03 7 . 3 . 0				get it	
	GP-13 2003-02-21 7 . 4 . 0				get it	
	GP-15 2003-07-11 7 . 5 . 0				get it	
<hr/>						
TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 2002-05-06 7 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: GP-09 (Usai) created to fill the Release gap.</i>

R98

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 R98 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 R98	Security Management <i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	WG (prime / other): S5 / S1 / NP rapporteur: TRUSS, Michael MOTOROLA Ltd
<i>history (event, available, version,</i>	smg-28 1999-02-12 7 . 0 . 0	G: yes U:
ETSI Publication 1999-08-17 7 . 0 . 1		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>
TS 12.04 R98	Performance data measurements <i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	WG (prime / other): S5 / S1 / NP rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)
<i>history (event, available, version,</i>	smg-30 1999-11-11 7 . 0 . 0	G: yes U:
		get it <i>remarks - general:</i> <i>remarks - this release:</i>
TS 12.05 R98	Subscriber Related Call and Event Data <i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	WG (prime / other): S5 / S1 rapporteur: ALEXANDER, Benni NOKIA Corporation
<i>history (event, available, version,</i>	smg-28 1999-02-12 7 . 0 . 0	G: yes U:
ETSI Publication 1999-08-17 7 . 0 . 1		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>
TS 12.15 R98	General Packet Radio Service (GPRS); GPRS Charging <i>current version:</i> 7.7.0 <i>freeze_meeting:</i> smg-29	WG (prime / other): S5 / - rapporteur: ALEXANDER, Benni NOKIA Corporation
<i>history (event, available, version,</i>	smg-27 1998-10-16 7 . 0 . 0	G: yes U:
smg-28 1999-02-12 7 . 1 . 0		get it <i>remarks - general:</i>
smg-29 1999-06-25 7 . 2 . 0		get it <i>remarks - this release:</i>
smg-30 1999-11-11 7 . 3 . 0		get it
SP-06 7 . 4 . 0		
SP-07 2000-03-15 7 . 5 . 0		get it
SP-08 2000-06-21 7 . 6 . 0		get it
SP-18 2003-01-07 7 . 7 . 0		get it

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 12.21 Network Management (NM) procedures and messages on the A-bis interface

R98 *current version:* 7.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
GP-09 2002-05-06 7 . 0 . 0

[get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
remarks - this release: GP-09 (Usai) created to fill the Release gap.

TS 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1 *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-29 *G: yes U:* MCC: ZOICAS, Adrian

history (event, available, version,
draft 1999-09-22 0 . 0 . 1
draft 1999-10-18 0 . 0 . 2
draft 1999-12-03 0 . 0 . 3
draft 1999-12-22 0 . 0 . 4
draft 2000-01-17 0 . 0 . 5
draft 2000-05-22 2 . 0 . 0
draft 2000-05-25 2 . 0 . 1
SP-08 2000-06-21 7 . 0 . 0
ETSI Publication 2000-11-30 7 . 0 . 1

[get it](#) *remarks - general:* TSG#11:S5 will no longer maintain.
[get it](#) *remarks - this release:* Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R97 *current version:* 6.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: *G: yes U:* MCC: POPE, Maurice
history (event, available, version,
SP-20 2003-06-25 6 . 0 . 0

[get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 / NP	<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-27 2001-01-12 6 . 0 . 0			get it	<i>remarks - general:</i>		
	edito 2001-01-16 6 . 0 . 1			get it	<i>remarks - this release:</i>		
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 2000-11-15 6 . 0 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
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>	MEYER, Juergen	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 2000-12-01 6 . 0 . 0			get it	<i>remarks - general:</i>		
	edito 2001-01-16 6 . 0 . 1			get it	<i>remarks - this release:</i>		
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 1998-03-20 6 . 0 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
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 1998-03-20 6 . 0 . 0			get it	<i>remarks - general:</i>		
	Editorial correction 1998-03-20 6 . 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 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 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 1999-06-26 6 . 2 . 0 [get it](#)

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 6 . 1 . 0 [get it](#) *remarks - this release:*
Editorial correction 1999-02-12 6 . 1 . 1 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 02.04 General on Supplementary Services

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 1999-06-25 6 . 1 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)

R97 *current version:* 6.1.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 1999-10-16 6 . 0 . 0
ETSI publication 1999-05-26 6 . 0 . 1
smg-28 1999-02-12 6 . 1 . 0
ETSI publication 1999-08-04 6 . 1 . 1

WG (prime / other): S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 02.07 Mobile Station (MS) Features

R97 *current version:* 6.2.0
freeze_meeting: smg-26
history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0
smg-26 1998-06-20 6 . 1 . 0
SP-07 2000-03-17 6 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 02.09 Security aspects

R97 *current version:* 6.1.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0
ETSI publication 1999-05-26 6 . 0 . 1
smg-31 2000-02-16 6 . 1 . 0
ETSI publication 2000-08-29 6 . 1 . 1

WG (prime / other): S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, TeliaSonera AB
G: yes U: *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 02.11 Service accessibility

R97 *current version:* 6.1.0
freeze_meeting: smg-26
history (event, available, version,
smg-26 1998-06-26 6 . 0 . 0
SP-11 2001-04-02 6 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* IBIDUN, Kunle ORANGE PCS LTD
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-30 1999-11-11 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-08 2000-06-28 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	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16 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> POIRAUD, Patrick	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16 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> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
	Editorial correction 1998-11-16 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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 1998-03-20 6 . 0 . 0		get it	<i>remarks - general:</i>		
	edito 1998-06-26 6 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-28 1999-02-12 6 . 1 . 0		get it			

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

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 1998-10-16 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: DEOL, Amar	Nortel Networks (USA)		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
history (event, available, version,	smg-27 1998-10-16 6 . 0 . 0				get it	remarks - general: remarks - this release:
<hr/>						
TS 02.41	Operator Determined Barring					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: WATSON, John	VODAFONE Group Plc		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
history (event, available, version,	smg-27 1998-10-16 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: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
history (event, available, version,	smg-27 1998-10-16 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: JURISIC, Andrijana			
history (event, available, version,	smg-25 1998-03-20 6 . 0 . 0				get it	remarks - general: SMG9->T3@#31 remarks - this release:

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Server ACTIVE specs R97 02 .- series
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 1998-03-20 6 . 0 . 0
smg-26 1998-06-26 6 . 1 . 0
ETSI publication 1998-12-01 6 . 1 . 1
smg-28 1999-02-12 6 . 2 . 0
ETSI publication 1999-08-04 6 . 2 . 1
SP-05 1999-10-14 6 . 3 . 0
ETSI publication 2000-11-28 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

WG (prime / other): S1 / - *rapporteur:* HECHWARTNER, Roland
G: yes U: *MCC:* CLAYTON, Michael

T-Mobile AUSTRIA GmbH

history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1
freeze_meeting: smg-26

WG (prime / other): S1 / - *rapporteur:* SWETINA, Joerg
G: yes U: *MCC:* CLAYTON, Michael

SIEMENS AG

history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0
ETSI publication 1999-09-01 6 . 0 . 1
smg-29 1999-06-25 6 . 1 . 0
Editorial correction 1999-07-25 6 . 1 . 1

[get it](#) *remarks - general:*
remarks - this release:
[get it](#)
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[get it](#)

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68	Voice Group Call Service (VGCS); 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-27 1998-10-06 6 . 0 . 0			get it	remarks - general:	
	publish EN 300 1999-09-01 6 . 0 . 1			get it	remarks - this release:	
	925					
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); 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-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	Editorial correction 1998-11-16 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R97	current version: 6.6.1	WG (prime / other):	S1 / -	rapporteur:	GRECH, Michel	Lucent Technologies Network Systems UK
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 1998-03-20 6 . 0 . 0			get it	remarks - general:	
	smg-26 1998-06-26 6 . 1 . 0			get it	remarks - this release:	
	smg-28 1999-02-12 6 . 2 . 0			get it		
	smg-29 1999-06-25 6 . 3 . 0			get it		
	SP-05 1999-10-14 6 . 4 . 0			get it		
	SP-10 2001-01-12 6 . 5 . 0			get it		
	SP-14 2002-01-14 6 . 6 . 0			get it		
	SP-14 minor 2002-01-17 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:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #27: 6.0.0	

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Server ACTIVE specs R97 02 .- series
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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 1998-10-16 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE PCS LTD
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.84	MultiParty (MPPTY) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0	

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1								
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	DEOL, Amar	Nortel Networks (USA)			
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-27	1998-10-16	6 . 0 . 0							
				get it	remarks - general:				
					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:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH			
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-27	1998-10-16	6 . 0 . 0							
				get it	remarks - general:				
					remarks - this release: #27: 6.0.0				
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1								
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	IGNATIUS, Jan	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-27	1998-10-16	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:	SWETINA, Joerg	SIEMENS AG			
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-27	1998-10-16	6 . 0 . 0							
				get it	remarks - general:				
					remarks - this release: #27: 6.0.0				
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1								
R97	current version: 6.0.1	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	1998-03-20	6 . 0 . 0							
Editorial correction	1998-04-20	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 1998-10-15 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:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 1998-04-20 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions
R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-28 1999-02-12 6 . 1 . 0 [get it](#) *remarks - this release:* #27: 6.0.0 #28: 6.1.0

TS 03.02 Network Architecture
R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0

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Server ACTIVE specs R97 03 .- series
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TS 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.8.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 1999-02-12 6 . 2 . 0 [get it](#)
smg-29 1999-06-25 6 . 3 . 0 [get it](#)
NP-05 1999-10-14 6 . 4 . 0 [get it](#)
NP-07 2000-03-17 6 . 5 . 0 [get it](#)
NP-08 2000-06-28 6 . 6 . 0 [get it](#)
NP-16 2002-06-26 6 . 7 . 0 SA did not approve companion CRs to [get it](#)
02.16.
NP-21 2003-10-09 6 . 8 . 0 [get it](#)

TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-27 1998-10-16 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:* KYMALAINEN, Kimmo

history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 1999-06-25 6 . 2 . 0 [get it](#)

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
R97	<i>current version:</i> 6.6.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 1998-06-26 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-27 1998-10-16 6 . 2 . 0	get it				
	smg-28 1999-02-12 6 . 3 . 0	get it				
	NP-07 2000-03-15 6 . 4 . 0	get it				
	NP-09 2000-10-31 6 . 5 . 0	get it				
	NP-20 2003-06-27 6 . 6 . 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	G: yes U:	MCC: JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16 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	G: yes U:	MCC: BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-18 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	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
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	Editorial correction 1998-11-16 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>			

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, smg-27 1998-10-16 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 S.p.A.
	freeze_meeting: smg-26	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version, smg-27 1998-10-16 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 1998-10-16 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 KYMALAINEN, Kimmo	
	history (event, available, version, smg-26 1998-06-26 6 . 0 . 0 smg-29 1999-06-25 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	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
NP-09	2000-10-13	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](#)
[get it](#)

TS 03.18 Basic Call Handling

R97 current version: 6.8.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
NP-05	1999-10-13	6	.	5	.	0
NP-07	2000-03-17	6	.	6	.	0
NP-09	2000-10-04	6	.	7	.	0
NP-22	2004-01-12	6	.	8	.	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](#)
[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	1998-03-20	6	.	0	.	0
smg-29	1999-06-25	6	.	1	.	0

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom
G: yes U: MCC: Sebastien
POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R97	current version: 6.3.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-26				Peter Skov	
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino	
	smg-26 1998-06-26					
	smg-28 1999-02-12	get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and		
	smg-29 1999-06-26	get it	remarks - this release:	group receive mode".		
	SP-11 2001-04-11	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 1998-10-16					
		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 1998-06-26					
	Editorial update 1998-07-26	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 1998-10-16					
		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 1998-10-16					
		get it	remarks - general:			
			remarks - this release:	#27: 6.0.0		

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TS 03.38	Alphabets and language-specific information								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		G: yes U:		MCC:		RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>								
	smg-25 1998-03-20	6 . 0 . 0			get it		<i>remarks - general:</i>		
	Editorial correction 1998-04-20	6 . 0 . 1			get it		<i>remarks - this release:</i> #25: 6.0.0		
<hr/>									
TS 03.40	Technical realization of the Short Message Service (SMS)								
R97	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		G: yes U:		MCC:		RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>								
	smg-25 1998-03-20	6 . 0 . 0			get it		<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.		
	smg-26 1998-06-26	6 . 1 . 0			get it		<i>remarks - this release:</i>		
	TP-14 2002-01-11	6 . 2 . 0			get it				
<hr/>									
TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		G: yes U:		MCC:		RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>								
	smg-25 1998-03-20	6 . 0 . 0			get it		<i>remarks - general:</i>		
	smg-26 1998-06-26	6 . 1 . 0			get it		<i>remarks - this release:</i>		
<hr/>									
TS 03.42	SMS Compression								
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26		G: yes U:		MCC:		RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16	6 . 0 . 0			get it		<i>remarks - general:</i>		
							<i>remarks - this release:</i>		
<hr/>									
TR 03.43	Support of Videotex								
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> RODERMUND, Friedhelm		Vodafone D2 GmbH		
	<i>freeze_meeting:</i> smg-26		G: yes U:		MCC:		RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16	6 . 0 . 0			get it		<i>remarks - general:</i>		
							<i>remarks - this release:</i> #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 1998-10-16 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 1998-10-16 6 . 0 . 0						get it	remarks - general:	remarks - this release:
	Editorial correction 1998-10-16 6 . 0 . 1						get it	remarks - general:	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 1998-10-16 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 1998-10-16 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:	JURISIC, Andrijana				
	history (event, available, version,								
	smg-25 1998-03-20 6 . 0 . 0						get it	remarks - general: SMG9->T3@#31	remarks - this release:
	smg-26 1998-06-26 6 . 1 . 0						get it	remarks - general:	remarks - this release:
	smg-28 1999-02-12 6 . 2 . 0						get it	remarks - general:	remarks - this release:

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
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 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 1998-06-26 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 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 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 1999-02-12 6 . 1 . 0	get it	<i>remarks - this release:</i> #27: 6.0.0 #28: 6.1.0 #32:6.2.0		
	ETSI publication 1999-07-21 6 . 1 . 1	get it			
	smg-32 2000-06-20 6 . 2 . 0	get it			
	ETSI publication 2000-11-30 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 1998-10-16 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 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 1998-04-20 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	1998-03-20	6	.	0	.	0	get it	<i>remarks - general:</i>
smg-26	1998-06-26	6	.	1	.	0	get it	<i>remarks - this release:</i>
edito	1998-07-28	6	.	1	.	1	get it	
smg-27	1998-10-16	6	.	2	.	0	get it	
smg-28	1999-02-12	6	.	3	.	0	get it	
ETSI Vote	1999-04-13	6	.	3	.	1	get it	
ETSI publication	1999-07-21	6	.	3	.	2	get it	
smg-29	1999-06-25	6	.	4	.	0	get it	
ETSI publication	1999-12-29	6	.	4	.	1	get it	
SP-05	1999-10-13	6	.	5	.	0	get it	
SP-06	1999-12-17	6	.	6	.	0	get it	
ETSI publication	2000-07-07	6	.	6	.	1	get it	
SP-07	2000-03-17	6	.	7	.	0	get it	
ETSI publication	2000-09-22	6	.	7	.	1	get it	
SP-11	2001-04-19	6	.	8	.	0	get it	
SP-12	2001-08-16	6	.	9	.	0	get it	
SP-14	2002-01-08	6	.	10	.	0	get it	
edito	2002-07-29	6	.	10	.	1	get it	
SP-17	2002-10-02	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	1998-10-16	6	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i>

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TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2					
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 1998-03-20	6 . 0 . 0	get it	remarks - general:		
	smg-26 1998-06-26	6 . 0 . 1	get it	remarks - this release:		
	smg-27 1998-10-16	6 . 1 . 0	get it			
	ETSI OAP 2000-05-27	6 . 1 . 1	get it			
	smg-28 1999-02-12	6 . 2 . 0	get it			
	smg-29 1999-06-25	6 . 3 . 0	get it			
	smg-30 1999-11-11	6 . 4 . 0	get it			

TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
R97	current version: 6.1.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 1998-10-16	6 . 0 . 0	get it	remarks - general:		
	NP-07 2000-03-17	6 . 1 . 0	get it	remarks - this release:		

TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R97	current version: 6.4.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-25 1998-03-20	6 . 0 . 0	get it	remarks - general:		
	smg-26 1998-06-26	6 . 1 . 0	get it	remarks - this release:		
	smg post SP-07 1998-10-30	6 . 2 . 0	get it			
	NP-09 2000-10-12	6 . 3 . 0	get it			
	NP-21 2003-10-10	6 . 4 . 0	get it			

TS 03.69	Voice Broadcast service (VBS); Stage 2					
R97	current version: 6.4.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-25 1998-03-20	6 . 0 . 0	get it	remarks - general:		
	smg-26 1998-06-26	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 2000-03-30	6 . 2 . 0	get it			
	NP-09 2000-10-12	6 . 3 . 0	get it			
	NP-21 2003-10-13	6 . 4 . 0	get it			

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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 1998-10-16 6 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".
remarks - this release: #27: 6.0.0

TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 current version: 6.11.1
freeze_meeting: smg-26
history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0
smg-26 1998-06-26 6 . 1 . 0
ETSI publication 1998-08-27 6 . 1 . 1
smg-27 1998-10-16 6 . 2 . 0
smg-28 1999-02-12 6 . 3 . 0
smg-29 1999-06-25 6 . 4 . 0
NP-05 1999-10-13 6 . 5 . 0
NP-07 2000-03-17 6 . 6 . 0
NP-08 2000-06-23 6 . 7 . 0
NP-10 2001-01-04 6 . 8 . 0
NP-12 2001-06-29 6 . 9 . 0
edito 2001-07-02 6 . 9 . 1
NP-14 2002-01-04 6 . 10 . 0
NP-16 2002-06-17 6 . 11 . 0
Editorial correction 2002-08-21 6 . 11 . 1
to SDLs

WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.
G: yes U: MCC: JURISIC, Andrijana

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R97 current version: 6.3.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0
smg-29 1999-06-25 6 . 1 . 0
NP-05 1999-10-13 6 . 2 . 0
NP-07 2000-03-17 6 . 3 . 0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
Chalmers
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R97	current version: 6.1.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	smg-29 1999-06-25 6 . 1 . 0			get it	remarks - this release: #27: 6.0.0 #29: 6.1.0	
<hr/>						
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	smg-27 1998-10-16 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 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	1998-10-16	6 . 0 . 0		get it	remarks - general:	
Editorial correction	1998-11-16	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	1998-10-16	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	1998-10-16	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	1998-10-16	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	1998-03-20	6 . 0 . 0		get it	remarks - general:	
smg-26	1998-06-26	6 . 1 . 0		get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0	
smg-27	1998-10-16	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 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 1998-04-20 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 1998-10-16 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 1998-10-16 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 1998-03-20 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 1998-03-20 6 . 0 . 0

WG (prime / other): G2 / - rapporteur: ISAACS, Ken SIEMENS AG
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
remarks - this release:

TS 04.05 Data Link (DL) Layer General Aspects

R97 current version: 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0
Editorial correction 1998-11-16 6 . 0 . 1

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 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 1998-10-16 6 . 0 . 0
ETSI publication 1999-09-01 6 . 0 . 1
smg-29 1999-06-25 6 . 1 . 0
ETSI publication 1999-12-14 6 . 1 . 1
smg-31 2000-02-16 6 . 2 . 0
ETSI publication 2000-09-29 6 . 2 . 1

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

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	<i>current version:</i> 6.5.1	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan	
<i>history (event, available, version,</i>						
smg-25	1998-03-20	6 . 0 . 0		get it	<i>remarks - general:</i>	
smg-26	1998-06-26	6 . 1 . 0		get it	<i>remarks - this release:</i>	
smg-27	1998-10-16	6 . 2 . 0		get it		
ETSI publication	1998-12-04	6 . 2 . 1		get it		
smg-28	1999-02-12	6 . 3 . 0		get it		
smg-29	1999-06-25	6 . 4 . 0		get it		
NP-05	1999-10-13	6 . 5 . 0		get it		
Editorial correction	1999-11-13	6 . 5 . 1		get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.21.1

freeze_meeting: smg-26

history (event, available, version,

smg-25		6	.	0	.	0	
smg-26	1998-06-26	6	.	1	.	0	get it
edito	1998-09-08	6	.	1	.	1	get it
smg-27	1998-10-16	6	.	2	.	0	get it
ETSI publication	1999-04-13	6	.	2	.	1	get it
smg-28	1999-02-12	6	.	3	.	0	get it
ETSI publication	1999-08-25	6	.	3	.	1	get it
smg-29	1999-06-25	6	.	4	.	0	get it
edito	1999-07-23	6	.	4	.	1	get it
ETSI OAP	1999-08-11	6	.	4	.	2	get it
ETSI publication	1999-12-29	6	.	4	.	3	get it
NP-05	1999-10-08	6	.	5	.	0	get it
smg-30b	1999-12-06	6	.	6	.	0	get it
NP-06	1999-12-15	6	.	7	.	0	get it
ETSI publication	2000-07-05	6	.	7	.	1	get it
smg-31	2000-02-16	6	.	8	.	0	get it
NP-07	2000-03-15	6	.	9	.	0	get it
ETSI publication	2000-09-29	6	.	9	.	1	get it
smg-31b	2000-04-17	6	.	10	.	0	get it
smg-32	2000-06-21	6	.	11	.	0	get it
GP-01/NP-09	2000-10-12	6	.	12	.	0	get it
edito	2000-11-02	6	.	12	.	1	get it
NP-10	2001-01-02	6	.	13	.	0	get it
GP-04 / NP-11	2001-04-11	6	.	14	.	0	get it
NP-12	2001-07-05	6	.	15	.	0	get it
GP-07	2002-01-04	6	.	16	.	0	get it
NP-14	2002-01-07	6	.	17	.	0	get it
GP-08	2002-02-19	6	.	18	.	0	get it
NP-17	2002-09-17	6	.	19	.	0	get it
NP-18	2002-12-18	6	.	20	.	0	get it
GP-15	2003-07-10	6	.	21	.	0	get it
edito	2003-09-12	6	.	21	.	1	get it

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

remarks - this release: Thomasen (even numbered CRs!)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> smg-26			Peter Skov					
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	smg-25 1998-03-20 6 . 0 . 0								
	Editorial correction 1998-04-20 6 . 0 . 1								
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i>				
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation				
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	smg-25 1998-03-20 6 . 0 . 0								
	Editorial correction 1998-04-20 6 . 0 . 1								
	NP-09 2000-10-12 6 . 1 . 0								
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i>				
				get it					
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> smg-26			Peter Skov					
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert					
	smg-27 1998-10-16 6 . 0 . 0								
	Editorial correction 1998-11-16 6 . 0 . 1								
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release: #27: 6.0.0</i>				
<hr/>									
TS 04.13	Performance Requirements on Mobile Radio Interface								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc				
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16 6 . 0 . 0								
	Editorial correction 1998-10-16 6 . 0 . 1								
				get it	<i>remarks - general:</i>				
				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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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 1998-10-16	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-30 1999-11-11	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-32 2000-06-28	6 . 2 . 0		get it					
	GP-10 2002-07-19	6 . 3 . 0		get it					
	post GP-10 edito 2002-07-23	6 . 3 . 1	Misplaced figure, clause 5.3.1.	get it					
<hr/>									
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 1998-10-16	6 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-08 2000-06-23	6 . 1 . 0		get it	<i>remarks - this release: #27: 6.0.0 TSG#8:6.1.0</i>				
<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								
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 1998-06-26	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-27 1998-10-16	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-06 1999-12-17	6 . 2 . 0		get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,

draft	1997-12-20	0	.	0	.	0
draft	1998-03-20	1	.	0	.	0
draft	1998-03-20	2	.	0	.	0
smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
ETSI publication	1999-06-14	6	.	3	.	1
smg-29	1999-06-25	6	.	4	.	0
ETSI publication	1999-12-16	6	.	4	.	1
smg-30	1999-11-11	6	.	5	.	0
smg-30b	1999-12-06	6	.	6	.	0
ETSI publication	2000-07-05	6	.	6	.	1
smg-31	2000-02-16	6	.	7	.	0
ETSI publication	2000-09-29	6	.	7	.	1
smg-31b	2000-04-17	6	.	8	.	0
ETSI publication	2000-10-17	6	.	8	.	1
smg-32	2000-06-20	6	.	9	.	0
GP-01	2000-10-11	6	.	10	.	0
GP-02	2000-11-27	6	.	11	.	0
GP-03	2001-01-31	6	.	12	.	0
GP-04	2001-05-04	6	.	13	.	0
GP-10	2002-07-19	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	1998-10-16	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

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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	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
smg-30	1999-11-11	6	.	5	.	0
NP-06	1999-12-17	6	.	6	.	0
smg-31	2000-02-16	6	.	7	.	0
NP-10	2001-01-02	6	.	8	.	0
NP-13	2001-10-02	6	.	9	.	0
NP-14	2002-01-04	6	.	10	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

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	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
smg-30	1999-11-11	6	.	5	.	0
NP-06	1999-12-17	6	.	6	.	0
smg-31	2000-02-16	6	.	7	.	0

[get it](#) remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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	1998-10-16	6	.	0	.	0
Editorial correction	1998-11-16	6	.	0	.	1

[get it](#) remarks - general:
[get it](#) remarks - this release: #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68	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 1998-10-16	6 . 0 . 0		get it	remarks - general:				
	smg-29 1998-06-25	6 . 1 . 0		get it	remarks - this release:				
	smg-30 1999-11-11	6 . 2 . 0		get it					
	NP-07 2000-03-17	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 1998-10-16	6 . 0 . 0		get it	remarks - general:				
	smg-29 1999-06-25	6 . 1 . 0		get it	remarks - this release:				
	smg-30 1999-11-11	6 . 2 . 0		get it					
	NP-07 2000-03-17	6 . 3 . 0		get it					

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding								
R97	current version: 6.1.2	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 1998-03-20	6 . 0 . 0		get it	remarks - general:				
	smg-26 1998-06-26	6 . 1 . 0		get it	remarks - this release:				
	smg-28 1999-02-12	6 . 1 . 1		get it					
	editorial 2003-10-09	6 . 1 . 2		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 1998-10-16	6 . 0 . 0		get it	remarks - general:				
	Editorial correction 1998-11-16	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	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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-11-16 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-11-16 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.84	Multi Party (MPY) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-11-16 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-11-16 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 04.88	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 1998-03-20 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-04-20 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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-11-16 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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	<to be defined> 1998-11-16 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 1998-03-20 6 . 0 . 0	get it		remarks - general:		
	smg-26 1998-06-26 6 . 1 . 0	get it		remarks - this release: #25: 6.0.0 #26: 6.1.0 #28:6.1.1		
	smg-28 1999-02-12 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 1998-03-20 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-04-20 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 1997-12-19 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 1998-03-20 6 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 1998-04-20 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 1997-12-19 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 1998-03-20 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-26 1998-06-26 6 . 2 . 0 [get it](#)
smg-27 1998-10-16 6 . 3 . 0 [get it](#)
ETSI publication 1999-03-09 6 . 3 . 1 [get it](#)
smg-28 1999-02-12 6 . 4 . 0 [get it](#)
ETSI publication 1999-08-04 6 . 4 . 1 [get it](#)
smg-29 1999-06-25 6 . 5 . 0 [get it](#)
smg-30 1999-11-11 6 . 6 . 0 [get it](#)
smg-30b 1999-12-06 6 . 7 . 0 [get it](#)
ETSI publication 2000-07-17 6 . 7 . 1 [get it](#)
smg-31 2000-02-16 6 . 8 . 0 [get it](#)
ETSI publication 2000-09-29 6 . 8 . 1 [get it](#)
smg-31b 2000-04-17 6 . 9 . 0 [get it](#)
ETSI publication 2000-10-17 6 . 9 . 1 [get it](#)
edito 2001-05-02 6 . 9 . 2 [get it](#)
GP-06 2001-10-01 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

freeze_meeting: smg-26

history (event, available, version,

smg-24 1997-12-19 6 . 0 . 0

smg-25 1998-03-20 6 . 1 . 0

smg-28 1999-02-12 6 . 2 . 0

ETSI Publication 1999-03-12 6 . 2 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

[get it](#)

[get it](#)

TS 05.04 Modulation

R97 *current version:* 6.1.1

freeze_meeting: smg-26

history (event, available, version,

smg-27 1998-10-16 6 . 0 . 0

ETSI publication 1999-02-09 6 . 0 . 1

smg-30b 1999-12-06 6 . 1 . 0

ETSI publication 2000-06-20 6 . 1 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

TS 05.05 Radio Transmission and Reception

R97 *current version:* 6.8.0

freeze_meeting: smg-26

history (event, available, version,

smg-24 1997-12-19 6 . 0 . 0

smg-25 1998-03-20 6 . 1 . 0

smg-26 1998-06-26 6 . 2 . 0

smg-27 1998-10-16 6 . 3 . 0

ETSI publication 1999-03-09 6 . 3 . 1

smg-28 1999-02-12 6 . 4 . 0

ETSI publication 1999-06-04 6 . 4 . 1

smg-29 1999-06-25 6 . 5 . 0

ETSI publication 1999-12-14 6 . 5 . 1

smg-30 1999-11-11 6 . 6 . 0

smg-31 2000-02-16 6 . 7 . 0

ETSI publication 2000-09-29 6 . 7 . 1

GP-01 2000-10-09 6 . 8 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

Telefon AB LM Ericsson

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

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remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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	1997-12-19	6	.	0	.	0
smg-25	1998-03-20	6	.	1	.	0
edito	1998-03-20	6	.	1	.	1
smg-26	1998-06-26	6	.	2	.	0
smg-27	1998-10-16	6	.	3	.	0
ETSI publication	1999-03-09	6	.	3	.	1
smg-28	1999-02-12	6	.	4	.	0
ETSI publication	1999-08-04	6	.	4	.	1
smg-29	1999-06-25	6	.	5	.	0
ETSI publication	1999-12-04	6	.	5	.	1
smg-30	1999-11-11	6	.	6	.	0
smg-30b	1999-12-06	6	.	7	.	0
edito	2000-02-01	6	.	7	.	1
smg-31b	2000-04-17	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	2000-10-10	6	.	9	.	0

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[get it](#) remarks - this release:

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TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0

freeze_meeting: smg-26

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-24	1997-12-19	6	.	0	.	0
smg-25	1998-03-20	6	.	1	.	0
smg-26	1998-06-26	6	.	2	.	0
smg-27	1998-10-16	6	.	3	.	0
ETSI publication	1999-03-09	6	.	3	.	1
smg-28	1999-02-12	6	.	4	.	0
ETSI publication	1999-08-04	6	.	4	.	1
smg-29	1999-06-25	6	.	5	.	0
ETSI publication	1999-12-14	6	.	5	.	1
smg-30	1999-11-11	6	.	6	.	0
ETSI publication	2001-05-29	6	.	6	.	1
GP-02	2000-11-24	6	.	7	.	0

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[get it](#) remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-02 2001-01-05 6 . 0 . 0	get it	<i>remarks - general:</i>	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
	GP-05 2002-01-03 6 . 1 . 0	get it	<i>remarks - this release:</i>	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
Changed from G2 to G1 at same time.						
						R97 record created at same time (originally was only R99 and R98).
	GP-10 2002-07-19 6 . 2 . 0	get it				
<hr/>						
TR 05.22	Radio link management in hierarchical networks					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han		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 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #27: 6.0.0			
<hr/>						
TR 05.50	Background for RF Requirements					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-24 1997-12-19 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-31 2000-02-16 6 . 1 . 0	get it	<i>remarks - this release:</i> #24: 6.0.0 #31:6.1.0			
<hr/>						
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 2001-04-10 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 2001-11-12 6 . 0 . 1	get it	<i>remarks - this release:</i> #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 S.p.A.			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1998-11-16 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 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1998-11-16 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 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1998-11-16 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 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1998-11-16 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 1998-10-16 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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	smg-32 2000-06-20 6 . 1 . 0	get it		remarks - this release:		
	ETSI Publication 2000-11-30 6 . 1 . 1	get it				
	SP-12 2001-06-29 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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 1998-11-16 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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 1998-11-16 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
	SP-12 2001-06-29 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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 1998-11-16 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 1998-10-16 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 1998-11-16 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels								
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>				
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>				
TS 06.32	Voice Activity Detection (VAD)								
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>				
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>				
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>				

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	ETSI publication 1999-06-04 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0	
	smg-32 2000-06-20 6 . 1 . 0			get it		
	ETSI publication 2000-11-30 6 . 1 . 1			get it		
	SP-10 2000-12-20 6 . 2 . 0			get it		

TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	remarks - this release:	

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	ETSI publication 1999-09-01 6 . 0 . 1			get it	remarks - this release:	
	smg-32 2000-06-20 6 . 1 . 0			get it		
	SP-10 2000-12-20 6 . 2 . 0			get it		

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #27: 6.0.0	

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0				
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 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0				
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 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1999-06-04 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0				
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 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	smg-30 1999-11-11 6 . 1 . 0			get it	remarks - this release: #27: 6.0.0 #30: 6.1.0				
	ETSI Publication 2000-05-09 6 . 1 . 1			get it					
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 1998-10-16 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 1998-11-16 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

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 1998-10-16 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 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 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 1998-06-26 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 1998-06-26 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 Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-27 1998-10-16 6 . 2 . 0 [get it](#)
smg-29 1999-06-25 6 . 3 . 0 [get it](#)
TP-05 1999-10-08 6 . 4 . 0 [get it](#)
TP-11 2001-04-06 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 1998-01-19 2 . 0 . 0 [get it](#) *remarks - general:*
draft 1998-03-10 2 . 2 . 0 [get it](#) *remarks - this release:*
smg-25 1998-03-20 6 . 0 . 0 [get it](#)
smg-26 1998-06-26 6 . 1 . 0 [get it](#)
smg-27 1998-10-16 6 . 2 . 0 [get it](#)
smg-28 1999-02-12 6 . 3 . 0 [get it](#)
TP-05 1999-10-08 6 . 4 . 0 [get it](#)
TP-15 2002-03-26 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:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 1998-06-26 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 1998-10-16 6 . 2 . 0 [get it](#)
smg-29 1999-06-25 6 . 3 . 0 [get it](#)
NP-05 1999-10-08 6 . 4 . 0 [get it](#)
NP-06 1999-12-15 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 1998-10-16 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 1998-10-16 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 1998-10-16 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 1998-10-16 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-31b 2000-04-17 6 . 5 . 0	G: yes U:	MCC: THOMASEN, Gert		get it	remarks - general: remarks - this release:
<hr/>						
TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-25 1998-03-20 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
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 1998-06-26 6 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-28 1999-02-12 6 . 2 . 0	get it			
	smg-29 1999-06-25 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 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 1998-06-26 6 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-27 1998-10-16 6 . 2 . 0	get it			
	smg-28 1999-02-12 6 . 3 . 0	get it			
	smg-29 1999-06-25 6 . 4 . 0	get it			
	smg-30 1999-11-11 6 . 5 . 0	get it			
	smg-31 2000-02-16 6 . 7 . 0	get it			
	ETSI Publication 2000-03-16 6 . 7 . 1	get it			
	GP-05 2001-06-18 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 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-11 2001-04-04 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 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 1998-10-16 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 1998-10-16 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 1998-10-16 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 1998-03-20 6 . 0 . 0 smg-28 1999-02-12 6 . 1 . 0 smg-29 1999-06-25 6 . 2 . 0 smg-30 1999-11-11 6 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0			
		get it				
		get it				
		get it				

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 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 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 1998-11-16 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 1998-10-18 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 1998-11-18 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 1998-10-16 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: 6.14.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
edito	1998-09-09	6	.	1	.	1
smg-27	1998-10-16	6	.	2	.	0
smg-28	1999-02-12	6	.	3	.	0
smg-29	1999-06-25	6	.	4	.	0
NP-05	1999-10-08	6	.	5	.	0
NP-06	1999-12-15	6	.	6	.	0
NP-07	2000-03-15	6	.	7	.	0
NP-08	2000-06-21	6	.	8	.	0
NP-09	2000-11-08	6	.	9	.	0
NP-10	2000-12-21	6	.	10	.	0
NP-11	2001-04-06	6	.	11	.	0
NP-15	2002-04-04	6	.	12	.	0
NP-19	2003-04-07	6	.	13	.	0
NP-21	2003-10-09	6	.	14	.	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](#)

[get it](#)

[get it](#)

[get it](#)

[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

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	1998-10-16	6	.	0	.	0
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[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	1998-10-16	6	.	0	.	0
--------	------------	---	---	---	---	---

[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 1998-10-16 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 1998-10-16 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 1998-10-16 6 . 0 . 0 smg-29 1999-06-25 6 . 1 . 0 NP-06 1999-12-15 6 . 2 . 0						get it	remarks - general:	remarks - this release: #27: 6.0.0 #29: 6.1.0 N#6: 6.2.0
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-26	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan				
	history (event, available, version, smg-27 1998-10-16 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 1998-03-20	6 . 0 . 0				get it	remarks - general:		
	smg-29 1999-06-25	6 . 1 . 0				get it	remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0		
	NP-11 2001-04-04	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 1998-06-26	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 1998-10-16	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 1998-03-20	6 . 0 . 0				get it	remarks - general:		
	smg-28 1999-02-12	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	1998-02-20	6 . 0 . 0	get it	remarks - general:
	smg-26	1998-06-26	6 . 1 . 0	get it	remarks - this release:
	smg-27	1998-10-16	6 . 2 . 0	get it	
	smg-28	1999-02-12	6 . 3 . 0	get it	
	smg-29	1999-06-25	6 . 4 . 0	get it	
	NP-05	1999-10-08	6 . 5 . 0	get it	
	NP-07	2000-03-15	6 . 6 . 0	get it	
	NP-14	2002-01-04	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	1998-03-20	6 . 0 . 0	get it	remarks - general:
	smg-26	1998-06-26	6 . 1 . 0	get it	remarks - this release:
	smg-27	1998-10-16	6 . 2 . 0	get it	
	smg-28	1999-02-12	6 . 3 . 0	get it	
	smg-29	1999-06-25	6 . 4 . 0	get it	
ETSI publication	1999-11-03	6 . 4 . 1	get it		
	NP-05	1999-10-08	6 . 5 . 0	get it	
	NP-06	1999-12-15	6 . 6 . 0	get it	
ETSI publication	2000-07-05	6 . 6 . 1	get it		
	NP-07	2000-03-15	6 . 7 . 0	get it	
ETSI publication		6 . 7 . 1			
	NP-08	2000-06-21	6 . 8 . 0	get it	
ETSI publication		6 . 8 . 1			
	NP-09	2000-10-31	6 . 9 . 0	get it	
	NP-11	2001-04-20	6 . 10 . 0	get it	
make figures	2001-08-09	6 . 10 . 1	get it		
visible					
	NP-13	2001-10-03	6 . 11 . 0	get it	
	NP-16	2002-06-21	6 . 12 . 0	get it	
	NP-18	2003-01-07	6 . 13 . 0	get it	

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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> HUSLENDE, Ragnar		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-25 1998-03-20	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 1998-06-26	6 . 2 . 0		get it					
	smg-27 1998-10-16	6 . 3 . 0		get it					
	smg-30 1999-11-11	6 . 4 . 0		get it					
	NP-13 2001-10-12	6 . 5 . 0		get it					
	NP-14 2002-01-14	6 . 6 . 0		get it					
	NP-15 2002-03-20	6 . 7 . 0		get it					
	NP-16 2002-07-02	6 . 8 . 0		get it					
	NP-18 2003-01-09	6 . 9 . 0		get it					
	NP-19 2003-03-27	6 . 10 . 0		get it					
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R97	<i>current version:</i> 6.5.0		<i>WG (prime / other):</i> N2 / -		<i>rapporteur:</i> NOLDUS, Rogier		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	smg-25 1998-03-20	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-26 1998-06-26	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-27 1998-10-16	6 . 2 . 0		get it					
	smg-28 1999-02-12	6 . 3 . 0		get it					
	smg-29 1999-06-25	6 . 4 . 0		get it					
	NP-08 2000-06-21	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				Peter Skov				
			<i>G: yes U:</i>		<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-27	6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16		<i>remarks - general:</i>				
	NP-16 2002-06-26	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 2002-12-16	6 . 1 . 1	minor editorials to change style from TS to TR.	get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 2001-04-20 6 . 0 . 0 [get it](#) *remarks - general:*
GP-07 2002-01-04 6 . 1 . 0 [get it](#) *remarks - this release:*
GP-08 2002-02-19 6 . 2 . 0 [get it](#)
GP-12 2003-01-03 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 1999-02-12 6 . 0 . 0 [get it](#) *remarks - general:*
NP-05 1999-10-08 6 . 1 . 0 [get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R97 *current version:* 6.4.0 *WG (prime / other):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26 NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-28 1999-02-12 6 . 0 . 0

smg-29 1999-06-25 6 . 1 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

smg-30 1999-11-11 6 . 2 . 0

smg-31 2000-02-16 6 . 3 . 0

Editorial correction 2000-02-16 6 . 3 . 1

GP-06 2001-09-06 6 . 4 . 0

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R97 *current version:* 6.0.0 *WG (prime / other):* T3 / G2, rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26 G3ne w

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version,

GP-13 2003-02-21 6 . 0 . 0

[get it](#)

remarks - general: TP-17: T3 proposes to take over this spec from G5, and to approve a new R99
remarks - this release: GP-13: doc becomes pointer to latest Rel version. version not derived from R96 by CR;

also to withdraw the R96 version, since the

R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).

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: JURISIC, Andrijana

history (event, available, version,

smg-25 1998-03-20 6 . 0 . 0

smg-26 1998-06-26 6 . 1 . 0

smg-28 1999-02-12 6 . 2 . 0

smg-31 2000-02-16 6 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general:
remarks - this release: #32:frozen

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface
R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new One
freeze_meeting: smg-26
G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version,
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:* (smg-31:6.4.0 but CR later withdrawn)
smg-27 1998-10-16 6 . 2 . 0 [get it](#)
smg-28 1999-02-12 6 . 3 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT, USAI, Paolino
freeze_meeting: smg-26
G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
GP-09 2002-05-06 6 . 0 . 0 [get it](#) *remarks - general:*
edito (correction of version on 2002-06-18 6 . 0 . 1 [get it](#) *remarks - this release:* GP-09 (Usai) created to fill the Release gap.

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05 Subscriber Related Call and Event Data
R97 *current version:* 6.1.0 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: smg-26
G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 6 . 1 . 0 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.11	Fault management of the Base Station System (BSS)					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / S1 / GP	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-26 1998-06-26 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-27 1998-10-16 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-28 1999-02-12 6 . 2 . 0	get it				
	smg-29 1999-06-25 6 . 3 . 0	get it				

TS 12.15	General Packet Radio Service (GPRS); GPRS Charging					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-27 1998-10-16 6 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-28 1999-02-12 6 . 2 . 0	get it	<i>remarks - this release:</i>			
	SP-18 2003-01-07 6 . 3 . 0	get it				

TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 2002-05-06 6 . 0 . 0	get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.			
			<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.			

R96

R96

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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	current version: 5.0.0	WG (prime / other):	SP / -	rapporteur:	MEREDITH, John M	ETSI Secretariat			
	freeze_meeting:	G: yes U:		MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-20 2003-06-25 5 . 0 . 0								
		get it		remarks - general:	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for				
				remarks - this release:	. backwards extension to earlier releases.				
<hr/>									
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
R96	current version: 5.0.0	WG (prime / other):	S1 / GP /	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: smg-22	G: yes U:	NP	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-17 1996-02-02 5 . 0 . 0								
		get it		remarks - general:					
				remarks - this release:					
<hr/>									
TR 01.04	Abbreviations and acronyms								
R96	current version: 5.0.2	WG (prime / other):	GP / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-17 1996-02-02 5 . 0 . 0								
	smg-20 1996-10-11 5 . 0 . 1								
	ETSI publication 2001-10-30 5 . 0 . 2								
		get it		remarks - general:					
		get it		remarks - this release:					
		get it							
<hr/>									
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study								
R96	current version: 5.0.1	WG (prime / other):	S1 / -	rapporteur:	MEYER, Juergen	SIEMENS AG			
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-19 1996-06-28 5 . 0 . 0								
	smg-20 1996-11-11 5 . 0 . 1								
		get it		remarks - general:					
		get it		remarks - this release:					

R96

02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server 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 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 1996-02-02 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 2 . 0 [get it](#)
smg-24 1997-12-19 5 . 3 . 0 [get it](#)
smg-26 1998-06-26 5 . 4 . 0 [get it](#)
smg-29 1999-06-25 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 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-04-12 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 2 . 0 [get it](#)
ETSI publication 1997-05-02 5 . 2 . 1 [get it](#)
smg-22 1997-06-13 5 . 3 . 0 [get it](#)
ETSI OAP 1997-07-21 5 . 3 . 1 [get it](#)
ETSI publication 1997-12-31 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:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-17 1997-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 1 . 1 [get it](#)
ETSI publication 1997-05-02 5 . 1 . 2 [get it](#)
smg-21 1997-02-14 5 . 2 . 0 [get it](#)
ETSI publication 1997-08-26 5 . 2 . 1 [get it](#)
smg-22 1997-06-13 5 . 3 . 0 [get it](#)
ETSI OAP 1997-07-21 5 . 3 . 1 [get it](#)
ETSI publication 1998-01-14 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	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-14	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
ETSI publication	1997-05-02	5	.	4	.	1
smg-21	1997-02-14	5	.	5	.	0
ETSI publication	1997-08-28	5	.	5	.	1
smg-22	1997-06-13	5	.	6	.	0
ETSI OAP	1997-09-19	5	.	6	.	1
ETSI publication	1998-02-27	5	.	6	.	2
smg-23	1997-10-17	5	.	7	.	0
smg-25	1998-03-20	5	.	7	.	1
ETSI publication	1998-02-01	5	.	7	.	2
smg-29	1999-06-25	5	.	7	.	3
ETSI publication	1999-12-29	5	.	7	.	4

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul

G: yes U: *MCC:* CLAYTON, Michael

Research In Motion Limited

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1

freeze_meeting: smg-22

history (event, available, version,

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1
smg-21	1997-02-14	5	.	1	.	0
ETSI publication	1997-08-26	5	.	1	.	1
smg-28	1999-02-12	5	.	2	.	0
ETSI publication	1999-08-04	5	.	2	.	1

WG (prime / other): S1 / - *rapporteur:* WATSON, John

G: yes U: *MCC:* CLAYTON, Michael

VODAFONE Group Plc

[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 R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1
freeze_meeting: smg-22
history (event, available, version,
smg-17 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-04-12 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 2 . 0 [get it](#)
ETSI publication 1997-05-02 5 . 2 . 1 [get it](#)
smg-22 1997-06-13 5 . 3 . 0 [get it](#)
ETSI OAP 1997-07-21 5 . 3 . 1 [get it](#)
ETSI publication 1997-12-31 5 . 3 . 2 [get it](#)
smg-24 1997-12-19 5 . 4 . 0 [get it](#)
ETSI publication 1998-06-17 5 . 4 . 1 [get it](#)

WG (prime / other): S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

TS 02.09 Security aspects

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-05-02 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 1997-06-13 5 . 1 . 0 [get it](#)
edito 1997-12-08 5 . 1 . 1 [get it](#)
smg-31 2000-02-16 5 . 2 . 0 [get it](#)
ETSI publication 2000-08-29 5 . 2 . 1 [get it](#)

WG (prime / other): S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, TeliaSonera AB
G: yes U: *MCC:* POPE, Maurice

TS 02.11 Service accessibility

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-05-02 5 . 0 . 1 [get it](#) *remarks - this release:*

WG (prime / other): S1 / - *rapporteur:* IBIDUN, Kunle ORANGE PCS LTD
G: yes U: *MCC:* CLAYTON, Michael

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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 1996-10-11 5 . 0 . 0

smg-30 1999-11-11 5 . 1 . 0

SP-08 2000-06-23 5 . 2 . 0

WG (prime / other): S1 / -

G: yes U:

rapporteur: KOKKOLA, Tommi

MCC: CLAYTON, Michael

NOKIA Corporation

[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 1996-10-11 5 . 0 . 0

ETSI publication 1997-05-02 5 . 0 . 1

smg-27 1998-10-16 5 . 1 . 0

ETSI publication 1999-04-08 5 . 1 . 1

WG (prime / other): T3 / S1

G: yes U:

rapporteur: HOOKER, Philip

MCC: JURISIC, Andrijana

ORANGE PCS LTD

[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 1996-02-02 5 . 0 . 0

smg-19 1996-06-28 5 . 1 . 0

smg-20 1996-10-11 5 . 2 . 0

smg-23 1997-10-17 5 . 3 . 0

smg-25 1998-03-20 5 . 3 . 1

smg-26 1998-06-26 5 . 4 . 0

WG (prime / other): S1 /

G: yes U:

rapporteur: POIRAUD, Patrick

MCC: CLAYTON, Michael

ALCATEL S.A.

[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 1996-10-11 5 . 0 . 0

ETSI publication 1997-05-02 5 . 0 . 1

WG (prime / other): S1 /

G: yes U:

rapporteur: DEOL, Amar

MCC: CLAYTON, Michael

Nortel Networks (USA)

[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 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): S1 / rapporteur: JEAL, David VODAFONE Group Plc
G: yes U: MCC: CLAYTON, Michael

smg-16 1995-10-20 5 . 0 . 0
smg-17 1996-02-02 5 . 1 . 0
smg-18 1996-04-12 5 . 2 . 0
smg-19 1996-06-28 5 . 3 . 0
smg-20 1996-10-11 5 . 3 . 1
ETSI publication 1997-05-02 5 . 3 . 2
smg-21 1997-02-14 5 . 4 . 0
ETSI publication 1997-08-26 5 . 4 . 1
smg-22 1997-06-13 5 . 5 . 0
ETSI OAP 1997-09-19 5 . 5 . 1
ETSI publication 1998-02-27 5 . 5 . 2
smg-23 1997-10-17 5 . 6 . 0
edito 1998-01-06 5 . 6 . 1
smg-24 1997-12-19 5 . 6 . 2
smg-28 1999-02-12 5 . 7 . 0
ETSI publication 1999-08-04 5 . 7 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 current version: 5.2.1
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): S1 / rapporteur: KOKKOLA, Tommi NOKIA Corporation
G: yes U: MCC: CLAYTON, Michael

draft 1995-10-31 0 . 0 . 0
draft 1996-02-13 0 . 1 . 0
draft 1996-06-19 0 . 2 . 0
draft 1996-02-13 0 . 5 . 0
smg-20 1996-10-09 5 . 0 . 0
ETSI publication 1996-11-28 5 . 0 . 1
smg-21 1997-02-14 5 . 1 . 0
smg-22 1997-06-13 5 . 2 . 0
ETSI publication 1997-08-04 5 . 2 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DEOL, Amar	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-20 1996-10-11 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> WATSON, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-16 1995-10-20 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-21 1997-02-14 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-24 1997-12-19 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> 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 1996-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 1996-10-08 5 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-24 1997-12-19 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> HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-19 1996-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 1996-06-28 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 0 . 2 [get it](#)
ETSI publication 1997-06-03 5 . 0 . 3 [get it](#)
smg-22 1997-06-13 5 . 0 . 4 [get it](#)
edito 1997-12-05 5 . 0 . 5 [get it](#)
smg-29 1999-06-25 5 . 1 . 0 [get it](#)
ETSI publication 1999-12-29 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:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 1996-02-02 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 1 . 1 [get it](#)
smg-21 1997-02-14 5 . 1 . 2 [get it](#)
smg-22 1997-06-13 5 . 1 . 3 [get it](#)
smg-26 1998-06-26 5 . 2 . 0 [get it](#)
publish ETS 300 1998-12-01 5 . 2 . 1 [get it](#)
925

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 1996-02-02 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0
smg-20 1996-10-11 5 . 1 . 1 [get it](#)
smg-21 1997-02-14 5 . 1 . 2 [get it](#)
smg-22 1997-06-13 5 . 1 . 3 [get it](#)
smg-26 1998-06-26 5 . 2 . 0 [get it](#)
ETSI publication 1998-12-01 5 . 2 . 1 [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 02.78	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 1996-06-28	5 . 0 . 0		get it	remarks - general:	
	smg-20 1996-10-11	5 . 1 . 0		get it	remarks - this release:	
	smg-21 1997-02-14	5 . 1 . 1		get it		
	smg-22 1997-06-13	5 . 2 . 0		get it		
	smg-23 1997-10-17	5 . 3 . 0		get it		
	smg-24 1997-12-19	5 . 4 . 0		get it		
	smg-26 1998-06-26	5 . 5 . 0		get it		
	smg-28 1999-02-12	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:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: smg-22	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-19 1996-06-28	5 . 0 . 0		get it	remarks - general:	
	smg-20 1996-10-11	5 . 1 . 0		get it	remarks - this release: #19: 5.0.0 #20: 5.1.0 #28: 5.2.0	
	smg-28 1999-02-12	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 1996-10-11	5 . 0 . 0		get it	remarks - general:	
	smg-24 1997-12-19	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:	IBIDUN, Kunle	ORANGE PCS LTD
	freeze_meeting: smg-22	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-16 1995-10-20	5 . 0 . 0		get it	remarks - general:	
					remarks - this release: #16: 5.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS

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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:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 1996-10-11 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.84	MultiParty (MPY) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	SWETINA, Joerg	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 1996-10-11 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 1996-10-11 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:	DEOL, Amar	Nortel Networks (USA)
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 1996-10-11 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:	ACHTER, Johannes	T-Mobile AUSTRIA GmbH
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-20 1996-10-11 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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TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 1997-02-14 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:* SWETINA, Joerg SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 1996-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 1996-02-02 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 1996-06-28 5 . 1 . 0 [get it](#)
smg-21 1997-02-14 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 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-04-12 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.1.0 #19: 5.2.0
smg-19 1996-06-28 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 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-18 1996-04-12 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 1996-02-02	5 . 0 . 0	get it	remarks - general:		
	smg-18 1996-04-12	5 . 1 . 0	get it	remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0		
	smg-23 1997-10-17	5 . 2 . 0	get it			
	smg-24 1997-12-19	5 . 3 . 0	get it			

TS 03.03	Numbering, Addressing and Identification					
R96	current version: 5.5.0		WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE LTD	
	freeze_meeting: smg-22		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,			remarks - general:		
	smg-17	5 . 0 . 0		remarks - this release:		
	ETSI OAP 1996-11-25	5 . 0 . 1	get it			
	ETSI publication 1997-05-02	5 . 0 . 2	get it			
	smg-25 1998-03-20	5 . 1 . 0	get it			
	ETSI publication 1998-10-23	5 . 1 . 1	get it			
	smg-29 1999-05-26	5 . 2 . 0	get it			
	ETSI publication 1999-11-22	5 . 2 . 1	get it			
	NP-07 2000-03-15	5 . 3 . 0	get it			
	ETSI publication 2000-11-15	5 . 3 . 1	get it			
	NP-08 2000-06-21	5 . 4 . 0	get it			
	ETSI publication 2001-01-04	5 . 4 . 1	get it			
	NP-21 2003-10-09	5 . 5 . 0	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 1996-10-11	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 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22		Chalmers			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 1997-10-17 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 03.08	Organization of Subscriber Data					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-18 1996-04-12 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-21 1997-02-14 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-23 1997-10-17 5 . 2 . 0	get it				
<hr/>						
TS 03.09	Handover Procedures					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-22		Rouzbeh			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	smg-18 1996-04-12 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 1997-06-13 5 . 1 . 0	get it	<i>remarks - this release:</i> #18: 5.0.0 #22: 5.1.0			
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	smg-16 1995-10-20 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-21 1997-02-14 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-22 1997-06-13 5 . 2 . 0	get it				
	smg-23 1997-10-17 5 . 3 . 0	get it				
	smg-24 1997-12-19 5 . 4 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
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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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-06-03 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 1996-10-11 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 S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-17 1996-02-02 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 1996-10-11 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 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 1997-02-14 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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TS 03.16 Subscriber Data Management

R96 current version: 5.3.0

freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-18	1996-04-12	5	.	0	.	0
smg-21	1997-02-14	5	.	1	.	0
smg-23	1997-10-17	5	.	2	.	0
smg-26	1998-06-26	5	.	3	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release: #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0
[get it](#)
[get it](#)

TS 03.18 Basic Call Handling

R96 current version: 5.6.0

freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo

history (event, available, version,

smg-21	1997-02-14	5	.	0	.	0
smg-22	1997-06-13	5	.	1	.	0
smg-23	1997-10-17	5	.	2	.	0
smg-24	1997-12-19	5	.	3	.	0
smg-25	1998-03-20	5	.	4	.	0
smg-26	1998-06-26	5	.	5	.	0
smg-27	1998-10-16	5	.	6	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R96 current version: 5.2.1

freeze_meeting: smg-22

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom

G: yes U: GP MCC: Sebastien
POPE, Maurice

history (event, available, version,

smg-20	1996-10-11	5	.	0	.	0
smg-21	1997-02-14	5	.	1	.	0
smg-23	1997-10-17	5	.	2	.	0
smg-29	1999-06-25	5	.	2	.	1

[get it](#) remarks - general:
[get it](#) remarks - this release: SMG#29: CRs but postponed, then forgotten!
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 1996-10-11	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 1997-06-03	5 . 0 . 1	get it	<i>remarks - this release:</i>	group receive mode".		
	smg-21 1997-02-14	5 . 1 . 0	get it				
	ETSI publication 1997-09-15	5 . 1 . 1	get it				
	smg-22 1997-06-13	5 . 2 . 0	get it				
	ETSI publication 1997-12-31	5 . 2 . 1	get it				
	smg-26 1998-06-26	5 . 3 . 0	get it				
	ETSI publication 1998-12-10	5 . 3 . 1	get it				
<hr/>							
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R96	<i>current version:</i> 5.2.0	<i>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 1996-10-11	5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 1997-06-13	5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-23 1997-10-17	5 . 2 . 0	get it				
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-20 1996-10-11	5 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i>	#20: 5.0.0		
<hr/>							
TS 03.32	Universal Geographical Area Description (GAD)						
R96	<i>current version:</i> 5.2.0	<i>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 1997-10-17	5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 1998-06-26	5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-27 1998-10-16	5 . 2 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 *current version:* 5.2.0

freeze_meeting: smg-22

history (event, available, version,

smg-21	1997-02-14	5	.	0	.	0
smg-26	1998-06-26	5	.	1	.	0
smg-28	1999-02-12	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	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-12	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
ETSI publication		5	.	4	.	1
smg-21	1997-02-14	5	.	5	.	0
ETSI publication		5	.	5	.	1
smg-22	1997-06-13	5	.	6	.	0
Editorial correction	1997-07-13	5	.	6	.	1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

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TS 03.40 Technical realization of the Short Message Service (SMS)

R96 *current version:* 5.8.1

freeze_meeting: smg-22

history (event, available, version,

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-12	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
smg-21	1997-02-14	5	.	5	.	0
smg-22	1997-06-13	5	.	6	.	0
smg-23	1997-10-17	5	.	7	.	0
smg-26	1998-06-26	5	.	8	.	0
Editorial change	1998-07-26	5	.	8	.	1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* 2003-12-03: Note that this spec also contains stage 3.

[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 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-16	1995-10-20	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	1996-02-02	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-18	1996-04-12	5	.	2	.	0	get it	
smg-19	1996-06-28	5	.	3	.	0	get it	
smg-20	1996-10-11	5	.	4	.	0	get it	
ETSI publication	1997-05-02	5	.	4	.	1	get it	
smg-21	1997-02-14	5	.	5	.	0	get it	
ETSI publication	1997-09-15	5	.	5	.	1	get it	
smg-22	1997-06-13	5	.	6	.	0	get it	
ETSI publication	1998-02-02	5	.	6	.	1	get it	
smg-23	1997-10-17	5	.	7	.	0	get it	
smg-24	1997-12-19	5	.	8	.	0	get it	
ETSI publication	1998-06-17	5	.	8	.	1	get it	
smg-25	1998-03-20	5	.	9	.	0	get it	
ETSI publication	1999-02-03	5	.	9	.	1	get it	

TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-21	1997-02-14	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-22	1997-06-13	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-23	1997-10-17	5	.	2	.	0	get it	

TR 03.43 Support of Videotex

R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-20	1996-10-11	5	.	0	.	0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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 1996-10-11 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-05-02 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-21 1997-02-14 5 . 1 . 0 [get it](#)
ETSI publication 1997-08-26 5 . 1 . 1 [get it](#)
smg-22 1997-06-13 5 . 2 . 0 [get it](#)
ETSI publication 1998-02-02 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 1996-10-11 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 1996-10-11 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>	G: yes U:	MCC:	RODERMUND, Friedhelm	
	smg-16 1995-10-20				get it <i>remarks - general:</i>
	smg-18 1996-04-12				get it <i>remarks - this release:</i>
	smg-19 1996-06-28				get it
	smg-20 1996-10-11				get it
	smg-21 1997-02-14				get it
	smg-22 1997-06-13				get it
	smg-23 1997-10-17				get it
	smg-24 1997-12-19				get it

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version,</i>	G: yes U:	MCC:	USAI, Paolino	
	smg-17 1996-02-02				get it <i>remarks - general:</i>
	smg-20 1996-10-11				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 1997-12-19				get it
	smg-25 1998-03-20				get it
	smg-27 1998-10-16				get it
	smg-28 1999-02-12				get it
	smg-32 2000-06-20				get it

TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version,</i>	G: yes U:	MCC:	BOSWARTHICK, David	
	smg-23 1997-10-17				get it <i>remarks - general:</i>
	smg-24 1997-12-19				get it <i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-16 1995-10-20	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-18 1996-04-12	5 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	smg-16 1995-10-20	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-20 1996-10-11	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	ETSI publication 1997-06-03	5 . 1 . 1		get it					
<hr/>									
TS 03.68	Voice Group Call Service (VGCS); Stage 2								
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-16 1995-10-20	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-18 1996-04-12	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-20 1996-10-11	5 . 1 . 1		get it					
	ETSI publication 1997-06-03	5 . 1 . 2		get it					
	smg-21 1997-02-14	5 . 2 . 0		get it					
	ETSI publication 1997-08-26	5 . 2 . 1		get it					
	smg-23 1997-10-17	5 . 3 . 0		get it					
	ETSI publication 1998-04-07	5 . 3 . 1		get it					
	smg-24 1997-12-19	5 . 4 . 0		get it					
	ETSI publication 1998-07-23	5 . 4 . 1		get it					
	smg-26 1998-06-26	5 . 5 . 1		get it					
	NP-21 2003-10-13	5 . 6 . 0		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:* 5.6.0

freeze_meeting: smg-22

history (event, available, version,

smg-16 1995-10-20 5 . 0 . 0

smg-18 1996-04-12 5 . 1 . 0

smg-20 1996-10-11 5 . 1 . 1

ETSI publication 1997-06-03 5 . 1 . 2

smg-21 1997-02-14 5 . 2 . 0

ETSI publication 1997-08-26 5 . 2 . 1

smg-23 1997-10-17 5 . 3 . 0

ETSI publication 1998-04-07 5 . 3 . 1

smg-24 1997-12-19 5 . 4 . 0

ETSI publication 1999-10-23 5 . 4 . 1

smg-26 1998-06-26 5 . 5 . 0

ETSI publication 1998-12-10 5 . 5 . 1

NP-21 2003-10-13 5 . 6 . 0

WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH

G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*

remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96 *current version:* 5.0.0

freeze_meeting: smg-22

history (event, available, version,

smg-20 1996-10-11 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

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R96 *current version:* 5.8.0 *WG (prime / other):* N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version,
smg-21 1997-02-14 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-04-23 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 1997-06-13 5 . 1 . 0 [get it](#)
smg-23 1997-10-17 5 . 2 . 0 [get it](#)
smg-24 1997-12-19 5 . 3 . 0 [get it](#)
edito 1998-01-19 5 . 3 . 1 [get it](#)
ETSI publication 1998-01-30 5 . 3 . 2 [get it](#)
smg-25 1998-03-20 5 . 4 . 0 [get it](#)
smg-26 1998-06-26 5 . 5 . 0 [get it](#)
smg-27 1998-10-16 5 . 6 . 0 [get it](#)
smg-28 1999-02-12 5 . 7 . 0 [get it](#)
smg-29 1999-06-25 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
Chalmers

history (event, available, version,
smg-21 1997-02-14 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-05-02 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 1997-06-13 5 . 1 . 0 [get it](#)
smg-24 1997-12-19 5 . 2 . 0 [get it](#)
smg-25 1998-03-20 5 . 3 . 0 [get it](#)
smg-27 1998-10-16 5 . 4 . 0 [get it](#)
NP-05 1999-10-08 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
smg-24 1997-12-19 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #24: 5.1.0 #26: 5.2.0
smg-26 1998-06-26 5 . 2 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82	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 1996-10-11 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 1996-10-11 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 1996-10-11 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 1996-10-11 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 1996-10-11 5 . 0 . 0 ETSI Publication 2000-11-28 5 . 0 . 1			get it get it	remarks - general: remarks - this release: #20: 5.0.0				

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 *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 1996-10-11 5 . 0 . 0
[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 *WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mm02 plc
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0
[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 *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 1995-10-20 5 . 0 . 0
smg-18 1996-04-12 5 . 0 . 1
smg-19 1996-06-28 5 . 0 . 2
[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 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-20 1996-10-11 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 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 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-18 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #18: 5.0.0

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 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-18 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 1997-02-14 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-22 1997-06-13 5 . 2 . 0 [get it](#)
smg-24 1997-12-19 5 . 3 . 0 [get it](#)

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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-05-02 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-24 1997-12-19 5 . 1 . 0 [get it](#)

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 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 1 [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 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	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1
smg-21	1997-02-14	5	.	1	.	0
ETSI publication	1997-09-15	5	.	1	.	1
smg-25	1998-03-20	5	.	2	.	0
ETSI publication	1998-10-23	5	.	2	.	1
smg-29	1999-06-25	5	.	3	.	0
ETSI publication	1999-12-22	5	.	3	.	1
smg-31	2000-02-16	5	.	4	.	0
ETSI Publication	2000-11-28	5	.	4	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-22

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-20	1996-10-11	5	.	1	.	1
ETSI publication	1997-05-05	5	.	1	.	2
smg-21	1997-02-14	5	.	2	.	0
ETSI publication	1997-12-19	5	.	2	.	1
smg-24	1997-12-19	5	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.20.0

freeze_meeting: smg-22

history (event, available, version,

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-12	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
ETSI publication	1997-05-13	5	.	4	.	1
smg-21	1997-02-14	5	.	5	.	0
smg-22	1997-06-13	5	.	6	.	0
ETSI OAP	1997-09-19	5	.	6	.	2
ETSI publication	1998-02-27	5	.	6	.	3
smg-23	1997-10-17	5	.	7	.	0
smg-24	1997-12-19	5	.	8	.	0
smg-25	1998-03-20	5	.	9	.	0
ETSI publication	1998-10-23	5	.	9	.	1
smg-26	1998-06-26	5	.	10	.	0
ETSI publication	1998-12-16	5	.	10	.	1
smg-27	1998-10-16	5	.	11	.	0
ETSI publication	1999-03-23	5	.	11	.	1
smg-28	1999-02-12	5	.	12	.	0
smg-29	1999-06-25	5	.	13	.	0
ETSI publication	1999-12-22	5	.	13	.	1
smg-30	1999-11-11	5	.	14	.	0
ETSI publication	2000-05-09	5	.	14	.	1
NP-07	2000-03-15	5	.	15	.	0
ETSI publication	2000-10-05	5	.	15	.	1
smg-31b	2000-04-17	5	.	16	.	0
smg-32	2000-06-20	5	.	17	.	0
GP-01	2000-10-12	5	.	18	.	0
edito	2000-11-02	5	.	18	.	1
NP-18	2002-12-18	5	.	19	.	0
GP-15	2003-07-10	5	.	20	.	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
remarks - this release: Thomasen (even numbered CRs!)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 1996-10-11 5 . 0 . 0				<i>remarks - general:</i>	
	edito 1996-10-11 5 . 0 . 1				<i>remarks - this release:</i>	
					get it	
<hr/>						
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-16 1995-10-20 5 . 0 . 0				<i>remarks - general:</i>	
	smg-17 1996-02-02 5 . 1 . 0				<i>remarks - this release:</i>	
	smg-20 1996-10-11 5 . 1 . 1				get it	
	smg-21 1997-02-14 5 . 2 . 0				get it	
	ETSI publication 1997-09-15 5 . 2 . 1				get it	
	NP-09 2000-10-24 5 . 3 . 0				get it	
<hr/>						
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-19 1996-06-28 5 . 0 . 0				<i>remarks - general:</i>	
	smg-20 1996-10-11 5 . 0 . 1				<i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1	
	ETSI Publication 2000-11-28 5 . 0 . 2				get it	
<hr/>						
TS 04.13	Performance Requirements on Mobile Radio Interface					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-18 1996-04-12 5 . 0 . 0				<i>remarks - general:</i>	
	smg-20 1996-10-11 5 . 1 . 0				<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0	
	ETSI Publication 2000-11-28 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 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 1998-06-26	5 . 0 . 0	get it	remarks - general:					
	smg-27 1998-10-16	5 . 1 . 0	get it	remarks - this release:					
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R96	current version: 5.7.0	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation					
	freeze_meeting: smg-22	G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version,								
	smg-20 1996-10-11	5 . 0 . 0	get it	remarks - general:					
	smg-21 1997-02-14	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 1997-06-13	5 . 2 . 0	get it						
	smg-23 1997-10-17	5 . 3 . 0	get it						
	smg-24 1997-12-19	5 . 4 . 0	get it						
	smg-25 1998-03-20	5 . 5 . 0	get it						
	smg-27 1998-10-16	5 . 6 . 0	get it						
	NP-08 2000-06-21	5 . 7 . 0	get it						
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
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 1995-10-20	5 . 0 . 0	get it	remarks - general:					
	smg-20 1996-10-11	5 . 0 . 1	get it	remarks - this release:					
	smg-21 1997-02-14	5 . 1 . 0	get it						
	smg-22 1997-06-13	5 . 2 . 0	get it						
	smg-23 1997-10-17	5 . 3 . 0	get it						
	smg-25 1998-03-20	5 . 4 . 0	get it						
	smg-27 1998-10-16	5 . 5 . 0	get it						
	NP-06 1999-12-13	5 . 6 . 0	get it						
	ETSI publication 2000-07-17	5 . 6 . 1	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 04.63 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 1996-04-12 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-11-28 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 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-27 1998-10-16 5 . 1 . 0 [get it](#)
smg-28 1999-02-12 5 . 2 . 0 [get it](#)
smg-29 1999-06-25 5 . 3 . 0 [get it](#)
smg-30 1999-11-11 5 . 4 . 0 [get it](#)
NP-07 2000-03-15 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
smg-27 1998-10-16 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 1999-02-12 5 . 2 . 0 [get it](#)
smg-29 1999-06-25 5 . 3 . 0 [get it](#)
smg-30 1999-11-11 5 . 4 . 0 [get it](#)
NP-07 2000-03-15 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 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-24 1997-12-19 5 . 1 . 0 [get it](#)
smg-25 1998-03-20 5 . 2 . 0 [get it](#)
smg-28 1999-02-12 5 . 3 . 0 [get it](#)
ETSI Publication 1999-03-12 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1996-11-11 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1996-11-11 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1996-11-11 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1996-11-11 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
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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 1996-10-11 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 1996-10-11 5 . 0 . 0			get it	remarks - general:	
	ETSI Publication 1996-11-11 5 . 0 . 1			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 1996-10-11 5 . 0 . 0			get it	remarks - general:	
	smg-24 1997-12-19 5 . 1 . 0			get it	remarks - this release: #20: 5.0.0 #24: 5.1.0	
	ETSI Publication 1998-01-19 5 . 1 . 1			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 1996-10-11 5 . 0 . 0			get it	remarks - general:	
	ETSI Publication 1996-11-11 5 . 0 . 1			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 1995-10-20 5 . 0 . 0			get it	remarks - general:	
	smg-17 1996-02-02 5 . 1 . 0			get it	remarks - this release: #16: 5.0.0 #17: 5.1.0	
	ETSI Publication 1996-03-02 5 . 1 . 2			get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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http://www.3gpp.org/ftp/Specs/archive/04_series

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R96 *current version:* 5.4.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-18 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 1997-02-14 5 . 2 . 0 [get it](#)
smg-22 1997-06-13 5 . 3 . 0 [get it](#)
smg-25 1998-03-20 5 . 4 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96 *current version:* 5.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-18 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 2 . 0 [get it](#)
ETSI publication 1997-05-13 5 . 2 . 1 [get it](#)
smg-21 1997-02-14 5 . 3 . 0 [get it](#)
ETSI publication 1997-08-26 5 . 3 . 1 [get it](#)
smg-22 1997-06-13 5 . 4 . 0 [get it](#)
ETSI publication 1997-12-31 5 . 4 . 1 [get it](#)
smg-23 1997-10-17 5 . 5 . 0 [get it](#)
smg-25 1998-03-20 5 . 6 . 0 [get it](#)
ETSI publication 1998-10-23 5 . 6 . 1 [get it](#)
smg-26 1998-06-26 5 . 7 . 0 [get it](#)
ETSI publication 1998-12-10 5 . 7 . 1 [get it](#)
smg-28 1999-02-12 5 . 8 . 0 [get it](#)
ETSI publication 1999-08-04 5 . 8 . 1 [get it](#)
GP-01 2000-10-09 5 . 9 . 0 [get it](#)
GP-06 2001-10-01 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 *current version:* 5.6.0

freeze_meeting: smg-22

history (event, available, version,

smg-17 1996-02-02 5 . 0 . 0
smg-18 1996-04-12 5 . 1 . 0

smg-19 1996-06-26 5 . 2 . 0

smg-20 1996-10-11 5 . 2 . 1

ETSI publication 1997-05-12 5 . 2 . 2

smg-21 1997-02-14 5 . 3 . 0

ETSI publication 1997-08-26 5 . 3 . 1

smg-23 1997-10-17 5 . 4 . 0

smg-25 1998-03-20 5 . 5 . 0

ETSI publication 1998-10-23 5 . 5 . 1

GP-01 2000-10-09 5 . 6 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

G: yes U:

MCC: USAI, Paolino

NOKIA Corporation

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0
GERAN#1:5.6.0

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TS 05.04 Modulation

R96 *current version:* 5.1.1

freeze_meeting: smg-22

history (event, available, version,

smg-20 1996-10-11 5 . 0 . 0

ETSI publication 1997-05-13 5 . 0 . 1

smg-30 1999-11-11 5 . 1 . 0

ETSI Publication 1999-12-11 5 . 1 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

G: yes U:

MCC: USAI, Paolino

NOKIA Corporation

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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	1996-02-02	5	.	0	.	0
smg-18	1996-04-12	5	.	1	.	0
smg-19	1996-06-28	5	.	2	.	0
smg-20	1996-10-11	5	.	3	.	0
ETSI publication	1997-05-13	5	.	3	.	1
smg-21	1997-02-14	5	.	4	.	0
ETSI publication	1997-08-26	5	.	4	.	1
smg-22	1997-06-13	5	.	5	.	0
ETSI publication	1998-02-02	5	.	5	.	1
smg-23	1997-10-17	5	.	6	.	0
smg-24	1997-12-19	5	.	7	.	0
ETSI publication	1998-06-17	5	.	7	.	1
smg-25	1998-03-20	5	.	8	.	0
ETSI publication	1998-10-23	5	.	8	.	1
smg-26	1998-06-26	5	.	9	.	0
ETSI publication	1998-12-11	5	.	9	.	1
smg-27	1998-10-16	5	.	10	.	0
ETSI publication	1999-03-09	5	.	10	.	1
smg-29	1999-06-25	5	.	11	.	0
ETSI publication	1999-12-22	5	.	11	.	1
smg-30	1999-11-11	5	.	12	.	0
GP-01	2000-10-09	5	.	13	.	0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats Telefon AB LM Ericsson
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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	1996-04-12	5	.	0	.	0
smg-19	1996-06-28	5	.	1	.	0
smg-20	1996-10-11	5	.	2	.	0
ETSI publication	1997-06-03	5	.	2	.	1
smg-21	1997-02-14	5	.	3	.	0
ETSI publication	1997-08-26	5	.	3	.	1
smg-22	1997-06-13	5	.	4	.	0
ETSI publication	1997-12-31	5	.	4	.	1
smg-23	1997-10-17	5	.	5	.	0
smg-24	1997-12-19	5	.	6	.	0
ETSI publication	1998-06-17	5	.	6	.	1
smg-25	1998-03-20	5	.	7	.	0
ETSI publication	1998-10-23	5	.	7	.	1
smg-26	1998-06-26	5	.	8	.	0
ETSI publication	1998-12-10	5	.	8	.	1
smg-27	1998-10-16	5	.	9	.	0
ETSI publication	1999-03-09	5	.	9	.	1
GP-01	2000-10-10	5	.	10	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

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remarks - general:

[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	1996-04-12	5	.	0	.	0
smg-20	1996-10-11	5	.	1	.	0
ETSI publication	1997-06-03	5	.	1	.	1
smg-23	1997-10-17	5	.	2	.	0
draft	1999-03-19	5	.	2	.	1
ETSI publication	1999-08-04	5	.	2	.	2
GP-01	2000-10-10	5	.	3	.	0
GP-02	2000-11-24	5	.	4	.	0
edito	2000-11-30	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:

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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 1996-10-11 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:	#20: 5.0.0	
<hr/>						
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:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	smg-20 1996-10-11 5 . 0 . 0					
	smg-21 1997-02-14 5 . 1 . 0					
	smg-23 1997-10-17 5 . 1 . 1					
		get it		remarks - general:		
		get it		remarks - this release:	#20: 5.0.0 #21: 5.1.0 #23: 5.1.1	
		get it				
<hr/>						
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations					
R96	current version: 5.0.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 1998-05-28 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 S.p.A.
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 1996-10-11 5 . 0 . 0					
	smg-23 1997-10-17 5 . 1 . 0					
	ETSI Publication 1997-11-17 5 . 1 . 1					
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions						
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI Publication 1996-11-11 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>				
<hr/>							
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec						
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-22 1997-06-13 5 . 1 . 0	get it	<i>remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1</i>				
	smg-23 1997-10-17 5 . 1 . 1	get it					
<hr/>							
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec						
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-22 1997-06-13 5 . 1 . 0	get it	<i>remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0</i>				
	smg-23 1997-10-17 5 . 2 . 0	get it					
	ETSI Publication 1997-11-17 5 . 2 . 1	get it					
<hr/>							
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release: #20: 5.0.0</i>				

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10 Full Rate Speech Transcoding

R96 *current version:* 5.3.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0
smg-23 1997-10-17 5 . 1 . 0
smg-32 2000-06-20 5 . 2 . 0
ETSI Publication 2001-01-04 5 . 2 . 1
SP-12 2001-06-29 5 . 3 . 0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar
G: yes U: MCC: USAI, Paolino

PHILIPS Semiconductors

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0
smg-23 1997-10-17 5 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William
G: yes U: MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #23: 5.0.1

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R96 *current version:* 5.1.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0
ETSI Publication 1996-11-11 5 . 0 . 1
SP-12 2001-06-29 5 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* SERENO, Daniele
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0
[get it](#)

TS 06.20 Half Rate Speech Transcoding

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0
smg-22 1997-06-13 5 . 1 . 0
ETSI Publication 1997-07-13 5 . 1 . 1

WG (prime / other): S4 / - *rapporteur:* AFTELAK, Steve
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #22: 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 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels						
R96	current version: 5.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	smg-20 1996-10-11 5 . 0 . 0				get it	remarks - general:	
	ETSI Publication 1996-11-11 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 1996-10-11 5 . 0 . 0				get it	remarks - general:	
	smg-22 1997-06-13 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 S.p.A.			
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	smg-20 1996-10-11 5 . 0 . 0				get it	remarks - general:	
	smg-23 1997-10-17 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 1996-10-11 5 . 0 . 0				get it	remarks - general:	
	smg-23 1997-10-17 5 . 0 . 2				get it	remarks - this release: #20: 5.0.0 #23: 5.0.2	
	ETSI Publication 1997-11-17 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 S.p.A.			
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,						
	smg-20 1996-10-11 5 . 0 . 0				get it	remarks - general:	
	smg-22 1997-06-13 5 . 0 . 1				get it	remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0	
	smg-23 1997-10-17 5 . 1 . 0				get it		
	ETSI Publication 1997-11-17 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>history (event, available, version,</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	smg-20 1996-10-11 5 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-22 1997-06-13 5 . 0 . 1					get it	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.0.1		
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-17 1996-02-02 5 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-19 1996-06-28 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 1996-10-11 5 . 1 . 1					get it			
	ETSI publication 1997-03-28 5 . 1 . 2					get it			
	smg-32 2000-06-20 5 . 2 . 0					get it			
	ETSI publication 5 . 2 . 1								
	SP-10 2000-12-20 5 . 3 . 0					get it			
<hr/>									
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec								
R96	<i>current version:</i> 5.1.3	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-17 1996-02-02 5 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-19 1996-06-28 5 . 1 . 0					get it	<i>remarks - this release:</i>		
	smg-20 1996-10-11 5 . 1 . 1					get it			
	ETSI publication 2000-01-13 5 . 1 . 2					get it			
	smg-23 1997-10-17 5 . 1 . 3					get it			

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 current version: 5.3.0

freeze_meeting: smg-22

history (event, available, version,

smg-20 1996-10-11 5 . 0 . 0

smg-22 1997-06-13 5 . 1 . 0

ETSI publication 1998-02-27 5 . 1 . 1

smg-32 2000-06-20 5 . 2 . 0

SP-10 2000-12-20 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](#)

[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 1996-06-28 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 1996-02-02 5 . 0 . 0

smg-19 1996-06-28 5 . 1 . 0

smg-20 1996-10-11 5 . 1 . 1

smg-23 1997-10-17 5 . 1 . 3

smg-25 1998-03-20 5 . 2 . 0

ETSI Publication 1998-04-20 5 . 2 . 1

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

remarks - this release: #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0

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[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 1996-02-02 5 . 0 . 0

smg-19 1996-06-28 5 . 1 . 0

smg-20 1996-10-11 5 . 1 . 1

ETSI Publication 1996-11-11 5 . 1 . 2

WG (prime / other): S4 / - rapporteur: JÄRVINEN, Kari

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1

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[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R96 *current version:* 5.1.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-17 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3
smg-20 1996-10-11 5 . 1 . 1 [get it](#)
ETSI publication 1997-03-28 5 . 1 . 2 [get it](#)
smg-23 1997-10-17 5 . 1 . 3 [get it](#)

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-17 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0
smg-20 1996-10-11 5 . 1 . 1 [get it](#)
smg-22 1997-06-13 5 . 1 . 2 [get it](#)
smg-30 1999-11-11 5 . 2 . 0 [get it](#)
ETSI Publication 2000-05-09 5 . 2 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R96 *current version:* 5.0.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-17 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 5 . 0 . 2 [get it](#) *remarks - this release:* #17: 5.0.0 #20: 5.0.2 #22: 5.0.3
smg-22 1997-06-13 5 . 0 . 3 [get it](#)

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-26 1998-06-26 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 5.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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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	1995-10-20	5 . 0 . 0	get it	remarks - general:
smg-17	1996-02-02	5 . 0 . 1	get it	remarks - this release:
smg-18	1996-04-12	5 . 1 . 1	get it	
smg-19	1996-06-28	5 . 2 . 0	get it	
smg-20	1996-10-11	5 . 3 . 0	get it	
smg-21	1997-02-14	5 . 4 . 0	get it	
smg-22	1997-06-13	5 . 5 . 0	get it	
smg-23	1997-10-17	5 . 6 . 0	get it	
smg-24	1997-12-19	5 . 7 . 0	get it	
smg-25	1998-03-20	5 . 8 . 0	get it	
smg-28	1999-02-12	5 . 9 . 0	get it	
ETSI Publication	1999-03-12	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	1995-10-20	5 . 0 . 0	get it	remarks - general:
smg-18	1996-04-12	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	1996-10-11	5 . 1 . 1	get it	
smg-21	1997-02-14	5 . 2 . 0	get it	
smg-22	1997-06-13	5 . 3 . 0	get it	
smg-23	1997-10-17	5 . 4 . 0	get it	
smg-24	1997-12-19	5 . 5 . 0	get it	
ETSI Publication	1998-01-19	5 . 5 . 1	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 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 1997-02-14 5 . 1 . 0 [get it](#)
smg-22 1997-06-13 5 . 2 . 0 [get it](#)
smg-23 1997-10-17 5 . 3 . 0 [get it](#)
smg-24 1997-12-19 5 . 4 . 0 [get it](#)
ETSI Publication 1998-01-19 5 . 4 . 1 [get it](#)

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-19 1996-06-28 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 1997-02-14 5 . 2 . 0 [get it](#)
smg-22 1997-06-13 5 . 3 . 0 [get it](#)
smg-23 1997-10-17 5 . 4 . 0 [get it](#)
smg-24 1997-12-19 5 . 5 . 0 [get it](#)

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-19 1996-06-28 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 1997-02-14 5 . 2 . 0 [get it](#)
smg-22 1997-06-13 5 . 3 . 0 [get it](#)
smg-23 1997-10-17 5 . 4 . 0 [get it](#)
smg-24 1997-12-19 5 . 5 . 0 [get it](#)
smg-25 1998-03-20 5 . 6 . 0 [get it](#)
smg-26 1998-06-26 5 . 7 . 0 [get it](#)
smg-27 1998-10-16 5 . 8 . 0 [get it](#)
smg-29 1999-06-25 5 . 9 . 0 [get it](#)
ETSI Publication 1999-07-25 5 . 9 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 1997-02-14 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0
smg-24 1997-12-19 5 . 2 . 0 [get it](#)
ETSI Publication 1998-01-19 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:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-22 G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-24 1997-12-19 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 1996-10-11 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 1997-02-14 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 1996-10-11 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 1996-02-02 5 . 0 . 0	get it		remarks - general:		
	smg-18 1996-04-12 5 . 1 . 0	get it		remarks - this release:		
	smg-25 1998-03-20 5 . 2 . 0	get it				
	smg-28 1999-02-12 5 . 3 . 0	get it				
<hr/>						
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
R96	current version: 5.12.0	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 1995-10-20 5 . 0 . 0	get it		remarks - general:		
	smg-17 1996-02-02 5 . 1 . 0	get it		remarks - this release:		
	smg-18 5 . 2 . 0					
	smg-19 5 . 3 . 0					
	smg-20 1996-10-11 5 . 4 . 0	get it				
	smg-21 1997-02-14 5 . 5 . 0	get it				
	smg-22 1997-06-13 5 . 6 . 0	get it				
	smg-23 5 . 7 . 0					
	smg-24 5 . 8 . 0					
	smg-25 5 . 9 . 0					
	smg-28 1998-06-29 5 . 10 . 0	get it				
	smg-29 1999-06-25 5 . 11 . 0	get it				
	smg-31b 2000-04-17 5 . 12 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-24 1997-12-19 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 1996-10-11 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-21 1997-02-14 5 . 1 . 0		get it	<i>remarks - this release:</i>					
	smg-22 1997-06-13 5 . 2 . 0		get it						
	smg-24 1997-12-19 5 . 3 . 0		get it						
	NP-11 2001-04-04 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 1996-10-11 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 1996-10-11 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
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TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-16 1995-10-20 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-20 1996-10-11 5 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 08.58	Base Station Controler - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
R96	current version: 5.10.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-16 1995-10-20 5 . 0 . 0	get it		remarks - general:		
	smg-17 1996-02-02 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 1996-06-28 5 . 2 . 0	get it				
	smg-21 1997-02-14 5 . 3 . 0	get it				
	smg-22 1997-06-13 5 . 4 . 0	get it				
	smg-23 1997-10-17 5 . 5 . 0	get it				
	smg-24 1997-12-19 5 . 6 . 0	get it				
	smg-25 1998-03-20 5 . 7 . 0	get it				
	smg-26 1998-06-26 5 . 8 . 0	get it				
	smg-29 1999-06-25 5 . 9 . 0	get it				
	smg-30 1999-11-11 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
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TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
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 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-19 1996-06-28 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 0 . 2 [get it](#)
smg-22 1997-06-13 5 . 1 . 0 [get it](#)
ETSI Publication 1997-07-13 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 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 1996-11-11 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 1996-10-11 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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TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.19.0

freeze_meeting: smg-22

history (event, available, version,

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-12	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
ETSI publication	1997-06-03	5	.	4	.	1
smg-21	1997-02-14	5	.	5	.	0
edito	1997-05-23	5	.	5	.	1
ETSI publication	1997-11-05	5	.	5	.	2
smg-22	1997-06-13	5	.	6	.	0
ETSI publication	1998-02-02	5	.	6	.	1
smg-23	1997-10-17	5	.	7	.	0
smg-24	1997-12-19	5	.	8	.	0
ETSI publication	1998-07-23	5	.	8	.	1
smg-25	1998-03-20	5	.	9	.	0
ETSI publication	1999-03-09	5	.	9	.	1
smg-26	1998-06-26	5	.	10	.	0
ETSI publication	1999-09-05	5	.	10	.	1
smg-27	1998-10-16	5	.	11	.	0
ETSI publication	1999-03-23	5	.	11	.	1
smg-28	1999-02-12	5	.	12	.	0
ETSI publication	1999-08-04	5	.	12	.	1
smg-29	1999-06-25	5	.	13	.	0
ETSI publication	1999-12-29	5	.	13	.	1
NP-05	1999-10-08	5	.	14	.	0
ETSI publication	2000-05-09	5	.	14	.	1
NP-06	1999-12-15	5	.	15	.	0
NP-09	2000-11-13	5	.	16	.	0
NP-15	2002-04-04	5	.	17	.	0
include SDLs	2002-07-22	5	.	17	.	1
NP-19	2003-04-04	5	.	18	.	0
NP-21	2003-10-09	5	.	19	.	0

WG (prime / other): N4 / -
G: yes U:

rapporteur: WIEHE, Ulrich
MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
[get it](#) remarks - this release:

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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								
R96	<i>current version:</i> Network (PLMN)	5.0.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-20 1996-10-11 5 . 0 . 0								
			get it		<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#20: 5.0.0			
<hr/>									
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-20 1996-10-11 5 . 0 . 0								
			get it		<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#20: 5.0.0			
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-20 1996-10-11 5 . 0 . 0								
			get it		<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#20: 5.0.0			
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R96	<i>current version:</i> Switched Data Transmission Services	5.0.2	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-19 1996-06-28 5 . 0 . 0								
	smg-20 1996-10-11 5 . 0 . 1								
	ETSI Publication 1996-11-11 5 . 0 . 2								
			get it		<i>remarks - general:</i>	N3: "no R99 needed".			
			get it		<i>remarks - this release:</i>	#19: 5.0.0 #20: 5.0.1			
			get it						

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 1995-10-20	5 . 0 . 0						get it	remarks - general:
	smg-17 1996-02-02	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 1996-04-12	5 . 1 . 0						get it	
	smg-19 1996-06-28	5 . 2 . 0						get it	
	smg-20 1996-10-11	5 . 2 . 1						get it	
	smg-21 1997-02-14	5 . 3 . 0						get it	
	smg-22 1997-06-13	5 . 4 . 0						get it	
	smg-23 1997-10-17	5 . 5 . 0						get it	
	smg-24 1997-12-19	5 . 6 . 0						get it	
	smg-25 1998-03-20	5 . 7 . 0						get it	
	smg-27 1998-10-16	5 . 8 . 0						get it	
	smg-28 1999-02-12	5 . 9 . 0						get it	
	NP-06 1999-12-15	5 . 10 . 0						get it	
	ETSI Publication 2000-07-05	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 1996-10-11	5 . 0 . 0						get it	remarks - general:
	smg-21 1997-02-14	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)		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 1996-02-02	5 . 0 . 0						get it	remarks - general:
	smg-18 1996-04-12	5 . 1 . 0						get it	remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0
	smg-23 1997-10-17	5 . 2 . 0						get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11 Signalling Interworking for Supplementary Services

R96 current version: 5.1.0

freeze_meeting: smg-22

history (event, available, version,

smg-18 1996-04-12 5 . 0 . 0

smg-19 1996-06-28 5 . 1 . 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: #18: 5.0.0 #19: 5.1.0

TS 09.78 CAMEL Application Part phase 2 (stage 3)

R96 current version: 5.7.0

freeze_meeting: smg-22

history (event, available, version,

smg-21 2000-02-14 5 . 0 . 0

smg-22 1997-06-13 5 . 1 . 0

smg-23 1997-10-17 5 . 2 . 0

smg-24 1997-12-19 5 . 3 . 0

smg-25 1998-03-20 5 . 4 . 0

smg-26 1998-06-26 5 . 5 . 0

smg-28 1999-02-12 5 . 6 . 0

smg-29 1999-06-25 5 . 7 . 0

WG (prime / other): N2 / -

G: yes U:

rapporteur: NOLDUS, Rogier

MCC: JURISIC, Andrijana

Telefon AB LM Ericsson

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R96 current version: 5.1.0

freeze_meeting: smg-22

history (event, available, version,

smg-17? 1996-02-02 5 . 0 . 0

smg-22 2001-01-02 5 . 1 . 0

WG (prime / other): N1 / -

G: yes U:

rapporteur: HOWELL, Andrew

MCC: JORGENSEN, Per Johan

MOTOROLA Ltd

[get it](#) remarks - general:

[get it](#) remarks - this release:

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

R96 current version: 5.1.1

freeze_meeting: smg-21

history (event, available, version,

smg-20 1996-10-11 5 . 0 . 0 withdrawn SMG-30; reinstated NP-16

NP-16 2002-06-26 5 . 1 . 0

edito post NP-18 2002-12-16 5 . 1 . 1 minor editorials to change style from TS to TR.

WG (prime / other): N1 / -

G: yes U:

rapporteur: ANDERSEN, Niels

MCC: Peter Skov
JORGENSEN, Per Johan

MOTOROLA A/S

[get it](#) remarks - general:

[get it](#) remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

[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/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 5 . 0 . 0 *remarks - general:*
smg-19 5 . 1 . 0 *remarks - this release:* Jun00: version we have is actually 5.1.2 !
edito 5 . 1 . 2
smg-20 5 . 2 . 0
Editorial correction 1996-11-11 5 . 2 . 1 [get it](#)

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-21 1997-02-14 1 . 0 . 0 [get it](#) *remarks - general:*
smg-25 1998-03-20 1 . 1 . 0 [get it](#) *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0
smg-25 1998-03-20 5 . 0 . 0 [get it](#)
smg-28 1999-02-12 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,
smg-22 1997-06-18 1 . 0 . 0 [get it](#) *remarks - general:* still alive? June-2001:no. So no propogation to later releases.
smg-22 1997-07-23 1 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 2 . 0 . 0
smg-22 5 . 0 . 0

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R96 *current version:* 5.12.2 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-18 1996-04-12 5 . 0 . 0
smg-21 1997-02-14 5 . 1 . 0

[get it](#)
[get it](#)

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #31bis: closed (R99 version serves all releases) replaced by Rel-5 equivalent. 2001-

11-19: G4->G5.

smg-22 1997-06-13 5 . 2 . 0
smg-23 1997-10-17 5 . 3 . 0
smg-24 1997-12-19 5 . 4 . 0
smg-25 1998-03-20 5 . 5 . 0
smg-26 1998-06-06 5 . 6 . 0
smg-27 1998-10-16 5 . 7 . 0
smg-28 1999-02-12 5 . 8 . 0
smg-29 1999-06-25 5 . 9 . 0
smg-30 1999-11-11 5 . 10 . 0
smg-31 2000-02-16 5 . 11 . 0

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Editorial correction 2000-02-16 5 . 11 . 1
GP-06 2001-09-06 5 . 12 . 0
Editorial correction 2002-08-01 5 . 12 . 1
Editorial correction 2002-08-02 5 . 12 . 2

[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R96 *current version:* 5.1.0 *WG (prime / other):* G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-30 1999-11-11 5 . 0 . 0
smg-18 1996-04-12 5 . 0 . 0
ETSI publication 2000-06-23 5 . 0 . 1
GP-06 2001-09-06 5 . 1 . 0

[get it](#)
[get it](#)
[get it](#)
[get it](#)

remarks - general: 2001-11-19: G4->G5.
remarks - this release: #32:closed GP-06: Rel-4 serves all releases. But this version still exists!

G = required in systems with GERAN acces; U = required in systems with UMTS

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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	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> T3	/ G2,	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED		
	<i>freeze_meeting:</i> smg-22		G3ne				
			w				
	<i>history (event, available, version,</i>	G: yes	U:	MCC:	JURISIC, Andrijana		
	smg-30 1999-11-11 5 . 0 . 0	get it		<i>remarks - general:</i>	TP-17: T3 proposes to take over this spec from G5, and to approve a new R99		
	smg-31 2000-02-16 5 . 1 . 0	get it		<i>remarks - this release:</i>	GP-13: doc becomes pointer to latest Rel version. version not derived from R96 by CR;		
also to withdraw the R96 version, since the					R99 version will cover all previous Releases. TP-20: accepted by T3 (from G4).		
	editorial 2000-09-15 5 . 1 . 1	get it					
	GP-02 2000-11-30 5 . 2 . 0	get it					
	GP-04 2001-03-29 5 . 3 . 0	get it					
	GP-04 2001-04-11 5 . 3 . 0	get it					
	GP-06 2001-08-31 5 . 4 . 0	get it					
	GP-07 2002-01-09 5 . 5 . 0	get it					
	GP-13 2003-02-21 5 . 6 . 0	get it					
TS 11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface						
R96	<i>current version:</i> 5.10.1	<i>WG (prime / other):</i> T3	/ -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.		
	<i>freeze_meeting:</i> smg-22	G: yes	U:	MCC:	JURISIC, Andrijana		
	<i>history (event, available, version,</i>						
	smg-16 1995-10-20 5 . 0 . 0	get it		<i>remarks - general:</i>			
	smg-17 1996-02-02 5 . 1 . 0	get it		<i>remarks - this release:</i>			
	smg-18 1996-04-12 5 . 2 . 0	get it					
	smg-19 1996-06-28 5 . 3 . 0	get it					
	smg-20 1996-10-11 5 . 4 . 0	get it					
	smg-21 1997-02-14 5 . 5 . 0	get it					
	smg-22 1997-06-13 5 . 6 . 0	get it					
	smg-23 1997-10-17 5 . 7 . 0	get it					
	smg-24 1997-12-19 5 . 8 . 0	get it					
	smg-25 1998-03-20 5 . 9 . 0	get it					
	smg-26 1998-06-26 5 . 10 . 0	get it					
	Editorial correction 1998-06-26 5 . 10 . 1	get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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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:* JURISIC, Andrijana

history (event, available, version,
smg-18 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 1996-10-11 5 . 2 . 0 [get it](#)
smg-21 1997-02-14 5 . 3 . 0 [get it](#)
smg-22 1997-06-13 5 . 4 . 0 [get it](#)
smg-23 1997-10-17 5 . 5 . 0 [get it](#)
smg-24 1997-12-19 5 . 6 . 0 [get it](#)
smg-25 1998-03-20 5 . 7 . 0 [get it](#)
smg-26 1998-06-26 5 . 8 . 0 [get it](#)
smg-27 1998-10-16 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):* G1 / - *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 1998-03-20 5 . 1 . 0 [get it](#) *remarks - this release:* .
smg-26 1998-06-26 5 . 2 . 0 [get it](#)
Editorial correction 1998-06-26 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 1997-06-13 5 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 1997-07-13 5 . 0 . 1 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05 Subscriber Related Call and Event Data

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-23 1997-10-17 5 . 0 . 0
Editorial correction 1997-10-17 5 . 0 . 1

WG (prime / other): S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation
G: yes U: *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 12.08 Subscriber and Equipment trace

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version,
smg-23 1997-10-17 5 . 0 . 0
smg-25 1998-03-20 5 . 1 . 0
Editorial correction 1998-03-20 5 . 1 . 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](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-21 1997-02-14 5 . 0 . 0

WG (prime / other): G1 / 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:

Ph2

Ph2 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-20 2003-06-25 4 . 0 . 0			get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for			
					<i>remarks - this release:</i>	. backwards extension to earlier releases.			
<hr/>									
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i>	S1 / GP / NP	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25 4 . 0 . 1			get it	<i>remarks - general:</i>				
	smg-08 1993-10-01 4 . 0 . 2			get it	<i>remarks - this release:</i>				
<hr/>									
TR 01.04	Abbreviations and acronyms								
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-08 1993-10-01 4 . 0 . 1			get it	<i>remarks - general:</i>				
	smg-09 1994-01-21 4 . 0 . 3			get it	<i>remarks - this release:</i>				
	smg-10 1994-04-15 4 . 0 . 4			get it					
	smg-11 1994-07-01 4 . 1 . 0			get it					
	smg-12 1994-10-07 4 . 1 . 1			get it					
	smg-14 1994-04-07 4 . 1 . 2			get it					

Ph2 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 2 . 1	get it	<i>remarks - general:</i>			
	smg-08 1993-10-01 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-10 1994-04-15 4 . 4 . 0	get it				
	smg-11 1994-07-01 4 . 4 . 1	get it				
	smg-12 1994-10-07 4 . 5 . 0	get it				
	smg-15 1995-07-07 4 . 6 . 0	get it				

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 1 . 1	get it	<i>remarks - general:</i>			
	smg-08 1993-10-01 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	PT12 final draft 1994-05-09 4 . 2 . 1	get it				
	ETSI publication 1998-06-10 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> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 2 . 2	get it	<i>remarks - general:</i>			
	smg-11 1994-07-01 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	ETSI publication 1996-01-19 4 . 3 . 1	get it				

TS 02.04	General on Supplementary Services					
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 5 . 1	get it	<i>remarks - general:</i>			
	smg-08 1993-10-01 4 . 6 . 0	get it	<i>remarks - this release:</i>			
	smg-10 1994-04-15 4 . 7 . 0	get it				
	smg-12 1994-10-07 4 . 8 . 0	get it				
	smg-15 1995-07-07 4 . 9 . 0	get it				
	smg-16 1995-10-20 4 . 9 . 1	get it				

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TS 02.06 Types of Mobile Stations (MS)

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-07	1993-06-25	4	.	1	.	1	get it	<i>remarks - general:</i>
smg-08	1993-10-01	4	.	2	.	0	get it	<i>remarks - this release:</i>
smg-14	1995-04-07	4	.	3	.	0	get it	
smg-16	1995-07-07	4	.	4	.	0	get it	
smg-22	1997-06-13	4	.	5	.	0	get it	
ETSI OAP	1997-07-21	4	.	5	.	1	get it	
ETSI publication	1998-01-14	4	.	5	.	2	get it	

TS 02.07 Mobile Station (MS) Features

Ph2 *current version:* 4.8.2 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-07	1993-06-25	4	.	4	.	1	get it	<i>remarks - general:</i>
smg-08	1993-10-01	4	.	4	.	2	get it	<i>remarks - this release:</i>
smg-10	1994-04-15	4	.	5	.	0	get it	
smg-11	1994-07-01	4	.	6	.	0	get it	
smg-15	1995-07-07	4	.	7	.	0	get it	
smg-22	1997-06-13	4	.	8	.	0	get it	
ETSI OAP	1997-07-21	4	.	8	.	1	get it	
ETSI publication	1998-01-14	4	.	8	.	2	get it	

TS 02.09 Security aspects

Ph2 *current version:* 4.5.1 *WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version,

smg-07	1993-06-25	4	.	2	.	1	get it	<i>remarks - general:</i>
smg-12	1994-10-07	4	.	3	.	0	get it	<i>remarks - this release:</i>
smg-22	1997-06-13	4	.	4	.	0	get it	
ETSI publication	1998-01-14	4	.	4	.	1	get it	
smg-31	2000-02-16	4	.	5	.	0	get it	
ETSI publication	2000-08-29	4	.	5	.	1	get it	

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TS 02.24	Description of Charge Advice Information (CAI)					
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 1 . 1			get it	<i>remarks - general:</i>	
	smg-08 1993-10-01 4 . 2 . 0			get it	<i>remarks - this release:</i>	
	smg-09 1994-01-21 4 . 2 . 1			get it		
	smg-10 1994-04-15 4 . 3 . 0			get it		
	smg-11 1994-07-01 4 . 4 . 0			get it		
	smg-15 1995-07-07 4 . 5 . 0			get it		
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David		VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 9 . 1			get it	<i>remarks - general:</i>	
	smg-08 1993-10-01 4 . 10 . 0			get it	<i>remarks - this release:</i>	
	smg-10 1994-04-15 4 . 11 . 0			get it		
	smg-12 1995-10-07 4 . 12 . 0			get it		
	smg-13 1995-01-27 4 . 13 . 0			get it		
TS 02.40	Procedures for Call Progress Indications					
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 2 . 1			get it	<i>remarks - general:</i>	
	smg-09 1994-01-21 4 . 3 . 0			get it	<i>remarks - this release:</i>	
	smg-10 1994-04-15 4 . 4 . 0			get it		
	smg-14 1995-04-07 4 . 5 . 0			get it		
TS 02.41	Operator Determined Barring					
Ph2	<i>current version:</i> 4.5.2	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WATSON, John		VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 4 . 1			get it	<i>remarks - general:</i>	
	smg-08 1993-10-01 4 . 5 . 0			get it	<i>remarks - this release:</i>	
	ETSI PE 1993-10-11 4 . 5 . 1			get it		
	ETSI publication 1994-09-13 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 1993-06-25 4 . 3 . 1 [get it](#) *remarks - general:*

smg-10 1994-04-15 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 1994-07-01 4 . 4 . 1 [get it](#)

smg-12 1994-10-07 4 . 5 . 0 [get it](#)

smg-16 1995-10-20 4 . 5 . 1 [get it](#)

smg-24 1997-12-19 4 . 6 . 0 [get it](#)

ETSI publication 1998-06-17 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:* IBIDUN, Kunle ORANGE PCS LTD

freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-07 1993-06-25 4 . 4 . 2 [get it](#) *remarks - general:*

smg-10 1994-04-15 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2*

smg-16 1995-10-20 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:* CLAYTON, Michael EMCOM Ltd

freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-07 1993-06-25 4 . 6 . 3 [get it](#) *remarks - general:*

smg-10 1994-04-15 4 . 6 . 5 [get it](#) *remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7*

smg-16 1995-10-20 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:* SWETINA, Joerg SIEMENS AG

freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-07 1993-06-25 4 . 4 . 2 [get it](#) *remarks - general:*

smg-11 1994-07-01 4 . 4 . 5 [get it](#) *remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7*

smg-16 1995-10-20 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 1993-06-25 4 . 2 . 2
smg-16 1995-10-20 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 1993-06-25 4 . 1 . 1
smg-16 1993-10-01 4 . 1 . 5

WG (prime / other): S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
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 1993-06-25 4 . 3 . 0
smg-08 1993-10-01 4 . 4 . 0
smg-16 1995-01-27 4 . 4 . 3

WG (prime / other): S1 / - *rapporteur:* ACHTER, Johannes T-Mobile AUSTRIA GmbH
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.3.0 #8: 4.4.0 #16: 4.4.3
[get it](#)

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
history (event, available, version,
smg-08 1993-10-01 4 . 0 . 1
smg-21 1997-02-14 4 . 1 . 0
ETSI publication 1997-09-15 4 . 1 . 1

WG (prime / other): S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #8: 4.0.1 #21: 4.1.0
[get it](#)

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions								
Ph2	<i>current version:</i> 4.0.4								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	0	.	1			
	ETSI Publication 1993-07-25	4	.	0	.	4			
							get it	<i>remarks - general:</i>	SMG3->SA2 @ TSG#7
							get it	<i>remarks - this release:</i>	#7: 4.0.1
TS 03.02	Network Architecture								
Ph2	<i>current version:</i> 4.2.1								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	0	.	1			
	smg-17 1996-02-02	4	.	1	.	0			
	smg-18 1996-04-12	4	.	2	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	#7: 4.0.1 #17: 4.1.0 #18: 4.2.1
							get it		
TS 03.03	Numbering, Addressing and Identification								
Ph2	<i>current version:</i> 4.11.1								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	5	.	0			
	smg-08 1993-10-01	4	.	6	.	0			
	smg-09 1994-01-21	4	.	8	.	0			
	smg-12 1994-10-07	4	.	9	.	0			
	NP-07 2000-03-17	4	.	10	.	0			
	NP-08 2000-06-23	4	.	11	.	0			
	Editorial 2001-01-04	4	.	11	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	
							get it		
							get it		
							get it		
							get it		
							get it		
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers								
Ph2	<i>current version:</i> 4.0.4								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	0	.	1			
	Publication 1996-01-19	4	.	0	.	4			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	#7: 4.0.1

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TR 03.05	Technical performance objectives								
Ph2	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	0	.	0			
	smg-19 1996-06-28	4	.	1	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i> #7: 4.0.0 #19:4.1.0	
TS 03.07	Restoration Procedures								
Ph2	<i>current version:</i> 4.3.1								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	2	.	0			
	smg-10 1994-04-15	4	.	3	.	0			
	Publication 1996-01-19	4	.	3	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	
							get it		
TS 03.08	Organization of Subscriber Data								
Ph2	<i>current version:</i> 4.8.0								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	5	.	0			
	smg-08 1993-10-01	4	.	5	.	1			
	smg-09 1994-01-21	4	.	6	.	0			
	smg-10 1994-04-15	4	.	7	.	0			
	smg-18 1996-04-12	4	.	8	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	
							get it		
							get it		
							get it		
							get it		
TS 03.09	Handover Procedures								
Ph2	<i>current version:</i> 4.6.0								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	1	.	0			
	smg-08 1993-10-01	4	.	2	.	0			
	smg-09 1994-01-21	4	.	2	.	1			
	smg-10 1994-04-15	4	.	3	.	0			
	smg-11 1994-07-01	4	.	4	.	0			
	smg-12 1994-10-07	4	.	5	.	0			
	smg-17 1996-02-02	4	.	6	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i> #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0	
							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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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 1993-06-25 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 3 . 0 [get it](#) *remarks - this release:*
Publication 1994-09-13 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 *remarks - general:*
ETSI public 2002-10-24 4 . 4 . 1 [get it](#) *remarks - this release:*
enquiry
smg-09 4 . 5 . 0
smg-10 4 . 6 . 0
smg-11 4 . 7 . 0
smg-12 2002-10-24 4 . 8 . 0 ETSI vote version [get it](#)
ETSI publication 2002-10-24 4 . 8 . 1 [get it](#)
smg-14 2002-10-24 4 . 9 . 0 ETSI oap version [get it](#)
ETSI publication 2002-10-24 4 . 9 . 1 [get it](#)
ETSI public 4 . 10 . 0
enquiry
smg-18 1996-04-12 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 1993-06-25 4 . 3 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0*
Publication 1994-09-13 4 . 4 . 2 [get it](#)

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TS 03.13	Discontinuous Reception (DRX) in the GSM System					
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 0 . 1	get it	<i>remarks - general:</i>			
	Publication 1994-09-13 4 . 0 . 4	get it	<i>remarks - this release: #7: 4.0.1</i>			
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-10 1994-04-15 4 . 1 . 0	get it	<i>remarks - this release: #7: 4.0.0 #10: 4.1.0</i>			
	Publication 1994-09-13 4 . 1 . 1	get it				
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 2 . 0	get it	<i>remarks - general:</i>			
	smg-10 1994-04-15 4 . 3 . 0	get it	<i>remarks - this release: #7: 4.2.0 #10: 4.3.0</i>			
	Publication 1994-09-13 4 . 3 . 1	get it				
<hr/>						
TS 03.16	Subscriber Data Management					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-14 1995-04-07 4 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-16 1995-10-20 4 . 1 . 1	get it	<i>remarks - this release: #14: 4.1.0 #16: 4.1.1 #18: 4.2.1</i>			
	smg-18 1996-04-12 4 . 2 . 1	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/03_series

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 1993-06-25	4 . 2 . 1	get it	<i>remarks - general:</i>			
	smg-10 1994-04-15	4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-17 1996-02-02	4 . 3 . 2	get it				
	smg-21 1997-02-14	4 . 4 . 0	get it				
	Publication 1997-08-26	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 1993-06-25	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 1994-01-21	4 . 5 . 0	get it	<i>remarks - this release:</i>	group receive mode".		
	smg-10 1994-04-15	4 . 6 . 0	get it				
	smg-11 1994-07-01	4 . 7 . 0	get it				
	smg-12 1994-10-07	4 . 8 . 0	get it				
	smg-14 1995-04-07	4 . 9 . 0	get it				
	smg-16 1995-10-20	4 . 10 . 0	get it				
	smg-17 1996-02-02	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 1996-04-12	4 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-22 1997-06-13	4 . 2 . 0	get it	<i>remarks - this release:</i>			
	smg-23 1997-10-17	4 . 3 . 0	get it				

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TR 03.30	Radio Network Planning Aspects				
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-07 1993-06-25 4 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-09 1994-01-21 4 . 2 . 1	get it	<i>remarks - this release:</i> #7: 4.2.0 #9: 4.2.1 #13: 4.3.0		
	smg-13 1995-01-27 4 . 3 . 0	get it			
<hr/>					
TS 03.38	Alphabets and language-specific information				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-10 4 . 0 . 0		<i>remarks - general:</i>		
	Publication 1994-09-13 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)				
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-07 1993-06-25 4 . 6 . 0	get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.		
	smg-08 1993-10-01 4 . 7 . 0	get it	<i>remarks - this release:</i>		
	smg-10 1994-04-15 4 . 8 . 1	get it			
	smg-11 1994-07-01 4 . 9 . 0	get it			
	smg-15 1995-07-07 4 . 11 . 0	get it			
	smg-16 1995-10-20 4 . 12 . 0	get it			
	smg-18 1996-04-12 4 . 13 . 0	get it			

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-07 1993-06-25 4 . 4 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 5 . 0 [get it](#) *remarks - this release:*
smg-09 1994-01-21 4 . 6 . 0 [get it](#)
smg-10 1994-04-15 4 . 7 . 0 [get it](#)
smg-11 1994-07-01 4 . 8 . 0 [get it](#)
smg-12 1994-10-07 4 . 9 . 0 [get it](#)
smg-13 1995-01-27 4 . 10 . 0 [get it](#)
smg-16 1995-10-20 4 . 11 . 0 [get it](#)

TR 03.43 Support of Videotex

Ph2 *current version:* 4.1.2 *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 1993-06-25 4 . 1 . 1 [get it](#) *remarks - general:*
Editorial 1996-01-19 4 . 1 . 2 [get it](#) *remarks - this release:*

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph2 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* Friedhelm
RODERMUND, Friedhelm

history (event, available, version,
smg-07 1993-06-25 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial 1998-07-30 4 . 0 . 1 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph2 *current version:* 4.5.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 1993-06-25 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-09 1994-01-21 4 . 3 . 1 [get it](#)
smg-10 1994-04-15 4 . 4 . 0 [get it](#)
smg-11 1994-07-01 4 . 4 . 1 [get it](#)
smg-14 1995-04-07 4 . 5 . 0 [get it](#)

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph2 *current version:* 4.1.2 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 1993-06-25 4 . 0 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 0 . 2 [get it](#) *remarks - this release:*
smg-11 1994-07-01 4 . 1 . 0 [get it](#)
Publication 1996-01-19 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:* RODERMUND, Friedhelm
history (event, available, version,
smg-07 1993-06-25 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 1994-10-07 4 . 2 . 1 [get it](#)
smg-18 1996-04-12 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 Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)								
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm					
	smg-07 1993-06-25			get it	<i>remarks - general:</i>				
	smg-08 1993-10-01			get it	<i>remarks - this release:</i> #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0				
	smg-11 1994-07-01			get it					
	smg-12 1994-10-07			get it					
	smg-13 1995-01-27			get it					
	smg-16 1995-10-20			get it					
<hr/>									
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System								
Ph2	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.					
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> USAI, Paolino					
	smg-08 1993-10-01			get it	<i>remarks - general:</i>				
	smg-09 1994-01-21			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 1995-07-07			get it					
	smg-24 1997-12-19			get it					
	smg-25 1998-03-20			get it					
	smg-27 1998-10-16			get it					
	smg-28 1999-02-12			get it					
	Editorial 1999-03-12			get it					
<hr/>									
TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)								
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	smg-07 1993-06-25			get it	<i>remarks - general:</i> N3: "no R99 needed".				
	smg-08 1993-10-01			get it	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1				
	Publication 1996-01-19			get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.81 Line Identification Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

freeze_meeting: smg-11b

G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

smg-07 1993-06-25 4 . 1 . 0

[get it](#)

remarks - general:

smg-09 1993-10-01 4 . 2 . 0

[get it](#)

remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0

#26: 4.8.0

smg-10 1994-04-15 4 . 3 . 0

[get it](#)

smg-11 1994-07-01 4 . 4 . 0

[get it](#)

smg-12 1994-10-07 4 . 5 . 0

[get it](#)

smg-19 1996-06-28 4 . 6 . 0

[get it](#)

smg-24 1997-12-19 4 . 7 . 0

[get it](#)

smg-26 1998-06-26 4 . 8 . 0

[get it](#)

Editorial 1998-07-26 4 . 8 . 1

[get it](#)

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

freeze_meeting: smg-11b

G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

smg-07 1993-06-25 4 . 5 . 0

[get it](#)

remarks - general:

smg-08 1993-10-01 4 . 5 . 1

[get it](#)

remarks - this release: #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0

smg-10 1994-04-15 4 . 6 . 0

[get it](#)

smg-12 1994-10-07 4 . 7 . 0

[get it](#)

smg-18 1996-04-12 4 . 8 . 0

[get it](#)

Editorial 1996-05-12 4 . 8 . 1

[get it](#)

TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)

freeze_meeting: smg-11b

G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

smg-07 1993-06-25 4 . 3 . 0

[get it](#)

remarks - general:

smg-11 1994-07-01 4 . 3 . 2

[get it](#)

remarks - this release: #7: 4.3.0 #11: 4.3.2 #12: 4.4.0

smg-12 1994-10-07 4 . 4 . 0

[get it](#)

Editorial 1994-11-07 4 . 4 . 1

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.84 Multi Party (MPHY) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 1 . 0
smg-09 1994-01-21 4 . 2 . 0
smg-10 1994-04-15 4 . 3 . 0
smg-12 1994-10-07 4 . 4 . 0
Editorial 1994-11-07 4 . 4 . 1

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0
[get it](#)
[get it](#)

TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 *current version:* 4.2.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 0 . 0
smg-08 1993-10-01 4 . 1 . 0
smg-13 1995-01-27 4 . 2 . 0
Editorial 1995-02-27 4 . 2 . 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:*
[get it](#)
[get it](#)

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,
smg-07 1993-06-25 4 . 1 . 0
smg-08 1993-10-01 4 . 2 . 0
smg-09 1994-01-21 4 . 3 . 0
smg-10 1994-04-15 4 . 4 . 0
smg-11 1994-07-01 4 . 5 . 0
smg-12 1994-10-07 4 . 6 . 0
Editorial 1994-11-07 4 . 6 . 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: 4.1.0 #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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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ACTIVE specs Ph2 03 .- series
Server http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 1993-06-25 4 . 4 . 0 [get it](#) *remarks - general:*
smg-10 1994-04-15 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #10: 4.5.0 #12: 4.6.0
smg-12 1994-10-07 4 . 6 . 0 [get it](#)
Editorial 1994-11-07 4 . 6 . 1 [get it](#)

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mmO2 plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-08 1993-10-01 4 . 0 . 0 [get it](#) *remarks - general:*
smg-15 1995-07-07 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #15: 4.1.0
Editorial 1995-08-07 4 . 1 . 1 [get it](#)

Ph2

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-07 1993-06-25 4 . 0 . 1 [get it](#) *remarks - general:*
ETSI publication 1996-01-19 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-07 1993-06-25 4 . 0 . 1 [get it](#) *remarks - general:*
ETSI publication 1996-01-19 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
Ph2	<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 1993-06-25 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-10 1994-04-15 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	Editorial 1994-05-15 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 1993-06-25 4 . 0 . 1	get it	<i>remarks - general:</i>			
	ETSI publication 1994-09-13 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 1993-06-25 4 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 1994-09-13 4 . 0 . 3	get it	<i>remarks - this release:</i>			
<hr/>						
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Ph2	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	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 1993-06-25 4 . 2 . 0	get it	<i>remarks - general:</i>			
	smg-08 1993-10-01 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-11 1994-07-01 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 Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 *current version:* 4.3.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 1 . 1
smg-10 1994-04-15 4 . 2 . 0
smg-12 1994-10-07 4 . 3 . 0
ETSI Publication 1997-11-07 4 . 3 . 1

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

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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	1993-06-25	4	.	4	.	0
smg-08	1993-10-01	4	.	5	.	0
smg-09	1994-01-21	4	.	6	.	0
smg-10	1994-04-15	4	.	7	.	0
smg-11	1994-07-01	4	.	8	.	0
smg-13	1995-01-27	4	.	9	.	0
smg-17	1996-02-02	4	.	10	.	0
Editorial	1996-03-02	4	.	10	.	1

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 *current version:* 4.11.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-11b

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-07	1993-06-25	4	.	3	.	0
smg-08	1993-10-01	4	.	4	.	0
smg-10	1994-04-15	4	.	5	.	0
smg-11	1994-07-01	4	.	6	.	0
smg-12	1994-10-07	4	.	7	.	0
smg-14	1995-04-07	4	.	8	.	0
smg-16	1995-10-20	4	.	9	.	0
smg-17	1996-02-02	4	.	10	.	0
NP-09	2000-10-04	4	.	11	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

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TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version,

smg-07	1993-06-25	4	.	1	.	1
smg-10	1994-04-15	4	.	2	.	0
smg-11	1994-07-01	4	.	3	.	0
smg-12	1994-10-07	4	.	4	.	0
smg-16	1995-10-20	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

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.13 Performance Requirements on Mobile Radio Interface

Ph2 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-10 1994-04-15 4 . 0 . 0 [get it](#) *remarks - general:*
smg-14 1995-04-07 4 . 0 . 2 [get it](#) *remarks - this release:* #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0
smg-15 1995-07-07 4 . 1 . 0 [get it](#)
smg-16 1995-10-20 4 . 2 . 0 [get it](#)

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph2 *current version:* 4.6.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 1993-06-25 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published
version of ETS replacing OAP version
smg-11 1994-07-01 4 . 4 . 0 [get it](#)
smg-13 1995-01-27 4 . 5 . 0 [get it](#)
smg-14 1995-04-07 4 . 6 . 0 [get it](#)
published version 2000-03-02 4 . 6 . 1 [get it](#)
of ETS replacing
OAP v

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

Ph2 *current version:* **Switching Centre (BSS - MSC) interface** 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 1993-06-25 4 . 2 . 2 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-13 1995-01-27 4 . 4 . 0 [get it](#)
smg-25 1998-03-20 4 . 5 . 0 [get it](#)
Editorial 1998-04-20 4 . 5 . 1 [get it](#)

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph2 *current version:* 4.11.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 1993-06-25 4 . 7 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 9 . 0 [get it](#) *remarks - this release:*
smg-16 1995-10-20 4 . 10 . 0 [get it](#)
ETSI publication 1996-08-23 4 . 10 . 1 [get it](#)
smg-17 1996-02-02 4 . 11 . 0 [get it](#)
ETSI publication 1996-08-23 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 1993-06-25 4 . 2 . 0 [get it](#) *remarks - general:*
smg-10 1994-04-15 4 . 3 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #10: 4.3.0 #12: 4.4.0*
smg-12 1994-10-07 4 . 4 . 0 [get it](#)
ETSI Publication 1994-11-07 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 1993-06-25 4 . 6 . 0 [get it](#) *remarks - general:*
smg-11 1994-07-01 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 1994-10-07 4 . 8 . 0 [get it](#)
smg-17 1996-02-02 4 . 9 . 0 [get it](#)
Editorial 1996-03-02 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 1993-06-25 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0*
smg-17 1996-02-02 4 . 6 . 0 [get it](#)
Editorial 1996-03-02 4 . 6 . 1 [get it](#)

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Server ACTIVE specs Ph2 04 .- series
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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 1993-06-25 4 . 2 . 0
smg-09 1994-01-21 4 . 3 . 0
ETSI Publication 1994-02-21 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 1993-06-25 4 . 0 . 0
smg-18 1996-04-12 4 . 1 . 0
Editorial 1996-05-12 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 1993-06-25 4 . 2 . 0
smg-08 1993-10-01 4 . 4 . 0
smg-11 1994-07-01 4 . 5 . 0
ETSI Publication 1995-03-14 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*
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[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 1993-06-25 4 . 6 . 0
smg-17 1996-02-02 4 . 7 . 0
Editorial 1996-03-02 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*
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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
history (event, available, version,
smg-08 1993-10-01 4 . 0 . 0
smg-12 1994-10-07 4 . 1 . 0
Editorial 1994-11-07 4 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #8: 4.0.0 #12: 4.1.0
[get it](#)

Ph2 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 *current version:* 4.6.0
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 1 . 0
smg-08 1993-10-01 4 . 2 . 0
smg-10 1994-04-15 4 . 3 . 0
smg-13 1995-01-27 4 . 4 . 0
smg-14 1995-04-07 4 . 5 . 0
smg-16 1995-10-20 4 . 6 . 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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TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 3 . 0
smg-09 1994-01-21 4 . 4 . 0
smg-15 1995-07-07 4 . 5 . 0
smg-16 1995-10-20 4 . 6 . 0
smg-17 1996-02-02 4 . 7 . 0
smg-20 1996-10-11 4 . 8 . 0
smg-22 1997-06-13 4 . 9 . 0
smg-28 1999-02-12 4 . 10 . 0
ETSI Publication 1999-07-22 4 . 10 . 1
GP-06 2001-10-01 4 . 11 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

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[get it](#) *remarks - this release:*
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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding								
Ph2	<i>current version:</i> 4.5.1								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	1	.	0		get it	<i>remarks - general:</i>
	smg-13 1995-01-27	4	.	2	.	0		get it	<i>remarks - this release:</i> #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0
	smg-15 1995-07-07	4	.	3	.	0		get it	
	smg-21 1997-02-14	4	.	4	.	0		get it	
	smg-22 1997-06-13	4	.	5	.	0		get it	
	Editorial 1997-07-13	4	.	5	.	1		get it	

TS 05.04	Modulation								
Ph2	<i>current version:</i> 4.0.3								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4	.	0	.	0		get it	<i>remarks - general:</i>
	ETSI publication 1994-09-13	4	.	0	.	3		get it	<i>remarks - this release:</i>

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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 1993-06-25 4 . 6 . 0
smg-08 1993-10-01 4 . 7 . 0
smg-09 1994-01-21 4 . 8 . 0
smg-10 1994-04-15 4 . 9 . 0
smg-11 1994-07-01 4 . 10 . 0
smg-12 1994-10-07 4 . 11 . 0
smg-13 1995-01-27 4 . 12 . 0
smg-14 1995-04-07 4 . 13 . 0
smg-15 1995-07-07 4 . 14 . 0
smg-16 1995-10-20 4 . 15 . 0
smg-17 1996-02-02 4 . 16 . 0
smg-18 1996-04-12 4 . 17 . 0
smg-19 1996-06-28 4 . 18 . 0
smg-22 1997-06-13 4 . 19 . 0
smg-23 1997-10-17 4 . 20 . 0
smg-24 1997-12-19 4 . 21 . 0
smg-27 1998-10-16 4 . 22 . 0
ETSI Publication 1999-03-09 4 . 22 . 1

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

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[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 1993-06-25 4 . 2 . 0
smg-08 1993-10-01 4 . 3 . 0
smg-09 1994-01-21 4 . 4 . 0
smg-13 1995-01-27 4 . 5 . 0
smg-14 1995-04-07 4 . 6 . 0
smg-16 1995-10-20 4 . 7 . 0
smg-17 1996-02-02 4 . 8 . 0
smg-18 1996-04-12 4 . 9 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

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ACTIVE specs Ph2 05 .- series
Server http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22 Radio link management in hierarchical networks
Ph2 *current version:* 4.0.0
freeze_meeting: smg-11b
history (event, available, version,
smg-18 1996-04-12 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

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov USAI, Paolino

history (event, available, version,
smg-08 1993-10-01 4 . 0 . 0
smg-13 1995-01-27 4 . 1 . 0
smg-17 1996-02-02 4 . 2 . 0

[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

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-07 4 . 1 . 0
smg-08 4 . 2 . 0
ETSI publication 1994-02-15 4 . 2 . 1
smg-15 1995-08-15 4 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-07 1993-06-25 4 . 0 . 2
smg-23 1997-10-17 4 . 0 . 6
ETSI Publication 1998-04-07 4 . 0 . 7

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 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 1995-01-27 4 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 1995-12-19 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0			
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 1995-01-27 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-16 1995-10-20 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 1996-02-02 4 . 1 . 0	get it				
	smg-23 1997-10-17 4 . 2 . 0	get it				
	Editorial 1997-11-17 4 . 2 . 1	get it				
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 1995-01-27 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-20 1996-10-11 4 . 1 . 0	get it	<i>remarks - this release:</i> #13: 4.0.0 #20: 4.1.0 #22: 4.2.0			
	smg-22 1997-06-13 4 . 2 . 0	get it				
	Editorial 1997-07-13 4 . 2 . 1	get it				
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 1995-10-20 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #16: 4.0.0			

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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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 1997-10-17 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-32 2000-06-20 4 . 2 . 0	get it				
	Editorial 2000-07-20 4 . 2 . 1	get it				
	Correction of 2001-06-29 4 . 3 . 0	get it				
	figure 3.2					
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph2	<i>current version:</i> 4.0.6	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-23 1997-10-17 4 . 0 . 5	get it	<i>remarks - this release:</i> #7: 4.0.1 #23: 4.0.5			
	ETSI Publication 1998-04-07 4 . 0 . 6	get it				
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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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 0 . 1	get it	<i>remarks - general:</i>			
	ETSI Publication 1994-09-13 4 . 0 . 4	get it	<i>remarks - this release:</i> #7: 4.0.1			
	SP-12 2001-06-29 4 . 1 . 0	get it				
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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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-13 1995-01-27 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-14 1995-04-07 4 . 1 . 0	get it	<i>remarks - this release:</i> #13: 4.0.0 #14: 4.1.0 #17: 4.3.0			
	smg-17 1996-02-02 4 . 3 . 0	get it				
	ETSI Publication 1996-03-03 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	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-13 1995-01-27 4 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 1995-12-19 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0			
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TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-13 1995-01-27 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-15 1995-07-07 4 . 1 . 0	get it	<i>remarks - this release:</i> #13: 4.0.0 #15: 4.1.0			
	Editorial 1995-08-07 4 . 1 . 1	get it				
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.0.5	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA 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-07 1993-06-25 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-23 1997-10-17 4 . 0 . 5	get it	<i>remarks - this release:</i> #7: 4.0.1 #23: 4.0.5			
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 1993-06-25 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-13 1995-01-27 4 . 1 . 0	get it	<i>remarks - this release:</i> #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0			
	smg-17 1996-02-02 4 . 2 . 0	get it				
	smg-23 1997-10-17 4 . 3 . 0	get it				
	Editorial 1997-11-17 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 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-13 1995-01-27 4 . 0 . 0						get it	<i>remarks - general:</i>	
	ETSI Publication 1995-02-19 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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-13 1995-01-27 4 . 0 . 0						get it	<i>remarks - general:</i>	
	smg-15 1995-07-07 4 . 1 . 0						get it	<i>remarks - this release:</i> #13: 4.0.0 #15: 4.1.0	
	Editorial 1995-08-07 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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-22 1997-06-13 4 . 0 . 0						get it	<i>remarks - general:</i>	
	ETSI publication 1997-12-31 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 2000-06-28 4 . 1 . 0						get it		
	ETSI publication 2000-11-30 4 . 1 . 1						get it		
	SP-10 2000-12-20 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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-23 1997-10-17 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 1997-06-13 4 . 0 . 0				get it	<i>remarks - general:</i>
	ETSI publication 1998-09-29 4 . 0 . 1					<i>remarks - this release:</i>
	smg-32 2000-06-20 4 . 1 . 0				get it	
	SP-10 2000-12-20 4 . 2 . 0				get it	
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 1997-06-13 4 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #22: 4.0.0</i>
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 1997-10-17 4 . 0 . 0				get it	<i>remarks - general:</i>
	smg-25 1998-03-20 4 . 1 . 0				get it	<i>remarks - this release: #23: 4.0.1 #25: 4.1.0</i>
	ETSI Publication 2000-08-24 4 . 1 . 1				get it	
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 1997-06-13 4 . 0 . 0				get it	<i>remarks - general:</i>
	Editorial 1997-07-13 4 . 0 . 1				get it	<i>remarks - this release: #22: 4.0.0</i>
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 1997-10-17 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 1997-06-13 4 . 0 . 0 [get it](#) *remarks - general:*
smg-30 1999-11-11 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*
ETSI Publication 2000-08-09 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 1997-06-13 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial 1997-07-13 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 1993-06-25 4 . 5 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-10 1994-04-15 4 . 7 . 0 [get it](#)
smg-13 1995-01-27 4 . 8 . 0 [get it](#)
smg-15 1995-07-07 4 . 9 . 0 [get it](#)
smg-16 1995-10-20 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 1993-06-25 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 4 . 2 [get it](#) *remarks - this release:* #7: 4.4.0 #9: 4.4.2 #11: 4.5.0
smg-11 1994-07-01 4 . 5 . 0 [get it](#)
Editorial 1994-08-01 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 1993-06-25 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #9: 4.5.0
Editorial 1994-02-21 4 . 5 . 1 [get it](#)

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

Ph2 *current version:* 4.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-07 1993-06-25 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-12 1994-10-07 4 . 4 . 0 [get it](#)
smg-16 1995-10-20 4 . 5 . 0 [get it](#)
smg-17 1996-02-02 4 . 6 . 0 [get it](#)
smg-18 1996-04-12 4 . 7 . 0 [get it](#)
smg-20 1996-10-11 4 . 8 . 0 [get it](#)
Editorial 1996-11-11 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 Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-16 1995-10-20 4 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-04-12 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-24 1997-12-19 4 . 2 . 0 [get it](#)
smg-25 1998-03-20 4 . 3 . 0 [get it](#)
smg-27 1998-10-16 4 . 4 . 0 [get it](#)
Editorial 1998-11-16 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 1993-06-25 4 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1994-09-13 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 1993-06-25 4 . 0 . 0 [get it](#) *remarks - general:*
smg-10 1994-04-15 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-13 1995-01-27 4 . 2 . 0 [get it](#)

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Server ACTIVE specs Ph2 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1994-09-13 4 . 0 . 3 [get it](#) *remarks - this release:*

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
Ph2 *current version:* 4.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-09 1994-01-21 4 . 3 . 0 [get it](#)
smg-10 1994-04-15 4 . 4 . 0 [get it](#)
smg-12 1994-10-07 4 . 5 . 0 [get it](#)

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
Ph2 *current version:* 4.12.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b
history (event, available, version,
smg-07 1993-06-25 4 . 4 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 5 . 0 [get it](#) *remarks - this release:*
smg-09 1994-01-21 4 . 6 . 0 [get it](#)
smg-10 1994-04-15 4 . 7 . 0 [get it](#)
ETSI Publication 2003-09-01 4 . 7 . 1 [get it](#)
smg-13 1995-01-27 4 . 8 . 0 [get it](#)
smg-15 1995-07-07 4 . 9 . 0 [get it](#)
smg-16 1995-10-20 4 . 10 . 0 [get it](#)
smg-17 1996-02-02 4 . 11 . 0 [get it](#)
smg-23 1997-10-17 4 . 12 . 0 [get it](#)
ETSI Publication 1998-10-23 4 . 12 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.20	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 1993-06-25 4 . 2 . 1				get it	remarks - general:
	smg-13 1995-01-27 4 . 2 . 3				get it	remarks - this release:
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-07 1993-06-25 4 . 0 . 1				get it	remarks - general:
	smg-13 1995-01-27 4 . 1 . 0				get it	remarks - this release:
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
Ph2	current version: 4.2.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-07 1993-06-25 4 . 0 . 1				get it	remarks - general:
	smg-13 1995-01-27 4 . 1 . 0				get it	remarks - this release:
	smg-14 1995-04-07 4 . 2 . 0				get it	
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-07 1993-06-26 4 . 0 . 1				get it	remarks - general:
	smg-13 1995-01-27 4 . 1 . 0				get it	remarks - this release:
TS 08.56	BSC-BTS Layer 2; Specification					
Ph2	current version: 4.0.2	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-11b	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-08 1993-10-01 4 . 0 . 0				get it	remarks - general:
	ETSI Publication 1994-09-13 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	1993-06-25	4 . 3 . 0	get it	<i>remarks - general:</i>					
smg-08	1993-10-01	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	1994-01-21	4 . 5 . 0	get it						
smg-10	1994-04-15	4 . 6 . 0	get it						
smg-13	1995-01-27	4 . 7 . 0	get it						
smg-15	1995-07-07	4 . 8 . 0	get it						
smg-16	1995-10-20	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	1993-06-25	4 . 1 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
smg-13	1995-01-27	4 . 2 . 0	get it	<i>remarks - this release:</i>					
smg-22	1997-06-13	4 . 3 . 0	get it						
smg-23	1997-10-17	4 . 4 . 0	get it						
Editorial	1997-11-17	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	1995-01-27	4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
ETSI Publication	1996-01-19	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
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

Ph2 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-08 1993-10-01 4 . 0 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 09.02 Mobile Application Part (MAP) Specification

Ph2 *current version:* 4.19.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 1993-06-25 4 . 4 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
smg-08 1993-10-01 4 . 5 . 0 [get it](#) *remarks - this release:*
smg-09 1994-01-21 4 . 6 . 0 [get it](#)
smg-10 1994-04-15 4 . 7 . 0 [get it](#)
smg-11 1994-07-01 4 . 8 . 0 [get it](#)
smg-12 1994-10-07 4 . 9 . 0 [get it](#)
smg-13 1995-01-27 4 . 10 . 0 [get it](#)
smg-14 1995-04-07 4 . 11 . 0 [get it](#)
smg-16 1995-10-20 4 . 12 . 0 [get it](#)
smg-17 1996-02-02 4 . 13 . 0 [get it](#)
smg-19 1996-06-28 4 . 14 . 0 [get it](#)
smg-20 1996-10-11 4 . 15 . 0 [get it](#)
smg-21 1997-02-14 4 . 16 . 0 [get it](#)
smg-22 1997-06-13 4 . 17 . 0 [get it](#)
smg-23 1997-10-17 4 . 18 . 0 [get it](#)
NP-08 2000-06-23 4 . 19 . 0 [get it](#)
ETSI Publication 2001-01-04 4 . 19 . 1 [get it](#)

TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

Ph2 *current version:* Network (PLMN) 4.0.3 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David
ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-08 1993-10-01 4 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".
smg-09 1994-01-21 4 . 0 . 1 [get it](#) *remarks - this release:* #8: 4.0.0 #9: 4.0.1
ETSI Publication 1995-03-14 4 . 0 . 3 [get it](#)

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph2	<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 1993-06-25	4 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".					
	smg-08 1993-10-01	4 . 0 . 1	get it	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1 #9: 4.0.2					
	smg-09 1994-01-21	4 . 0 . 2	get it						

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph2	<i>current version:</i> 4.4.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4 . 3 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".					
	smg-08 1993-10-01	4 . 4 . 0	get it	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #9: 4.4.1					
	smg-09 1994-01-21	4 . 4 . 1	get it						
	ETSI Publication 1994-09-13	4 . 4 . 2	get it						

TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
Ph2	<i>current version:</i> Switched Data Transmission Services	4.5.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David				
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-07 1993-06-25	4 . 3 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".					
	smg-09 1994-01-21	4 . 4 . 0	get it	<i>remarks - this release:</i> #7: 4.3.0 #9: 4.4.0 #12: 4.5.0					
	smg-12 1994-10-07	4 . 5 . 0	get it						

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
Ph2	<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 1993-06-25	4 . 4 . 0			get it	<i>remarks - general:</i>			
	smg-08 1993-10-01	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 1994-01-21	4 . 6 . 0			get it				
	smg-10 1994-04-15	4 . 7 . 0			get it				
	smg-13 1995-01-27	4 . 8 . 0			get it				
	smg-14 1995-04-07	4 . 9 . 0			get it				
	smg-16 1995-10-20	4 . 10 . 0			get it				
	smg-18 1996-04-12	4 . 11 . 0			get it				
	smg-20 1996-10-11	4 . 12 . 0			get it				
	smg-27 1998-10-16	4 . 13 . 0			get it				
	ETSI Publication 1999-03-23	4 . 13 . 1			get it				
<hr/>									
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 1994-01-21	4 . 0 . 0			get it	<i>remarks - general:</i>			
	smg-13 1995-01-27	4 . 1 . 0			get it	<i>remarks - this release:</i> #9: 4.0.0 #13: 4.1.0			
	Editorial 1995-02-27	4 . 1 . 1			get it				
<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								
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 1993-10-01	4 . 0 . 0			get it	<i>remarks - general:</i>			
	smg-09 1994-01-21	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 1994-04-15	4 . 2 . 0			get it				
	smg-17 1996-02-02	4 . 3 . 0			get it				
	smg-23 1997-10-17	4 . 4 . 0			get it				
	Editorial 1997-11-17	4 . 4 . 1			get it				

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-07 1993-06-25 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 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 1994-01-21 4 . 3 . 0 [get it](#)
smg-12 1994-10-07 4 . 4 . 0 [get it](#)
smg-13 1995-01-27 4 . 5 . 0 [get it](#)
smg-19 1996-06-28 4 . 6 . 0 [get it](#)
Editorial 1996-07-28 4 . 6 . 1 [get it](#)

TS 09.12 Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol

Ph2 *current version:* 4.2.2 *WG (prime / other):* 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 1997-02-06 4 . 1 . 0 [get it](#) *remarks - this release:* smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.
ETSI publication 1997-05-16 4 . 1 . 1 [get it](#)
smg-22 1997-06-13 4 . 2 . 1 [get it](#)
ETSI publication 1999-05-26 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 1995-07-07 4 . 5 . 0 [get it](#) *remarks - general:*
smg-16 ? 1995-10-20 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-18 1996-04-12 4 . 7 . 0 [get it](#)
smg-19 1996-06-28 4 . 8 . 0 [get it](#)
smg-22 1997-06-13 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:* JURISIC, Andrijana

history (event, available, version,
smg-10 1994-04-15 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 1994-05-15 4 . 0 . 1 [get it](#) *remarks - this release:* #10: 4.0.0

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ACTIVE specs Ph2 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2 *current version:* 4.6.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-14 1995-04-07 4 . 0 . 0

[get it](#)

remarks - general:

smg-15 1995-07-07 4 . 1 . 0

[get it](#)

remarks - this release: v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti):
Anticipate recast as null document pointing to latest Release version.

smg-16 1995-10-20 4 . 2 . 0

[get it](#)

smg-19 1996-06-28 4 . 3 . 0

[get it](#)

smg-23 1997-10-17 4 . 4 . 0

[get it](#)

smg-30 1999-11-11 4 . 5 . 0

[get it](#)

NP-16 2002-06-26 4 . 6 . 0

[get it](#)

edito post NP-18 2002-12-16 4 . 6 . 1 minor editorials to change style from
TS to TR.

[get it](#)

Ph2

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

Ph2 *current version:* 4.29.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-11b

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-16 1995-10-20 4 . 13 . 0

smg-17 1996-02-02 4 . 14 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

smg-18 1996-04-12 4 . 15 . 0

smg-19 1996-06-28 4 . 16 . 0

smg-20 1996-10-11 4 . 17 . 0

smg-21 1997-02-14 4 . 18 . 0

smg-22 1997-06-13 4 . 19 . 0

smg-23 1997-10-17 4 . 20 . 0

smg-24 1997-10-19 4 . 21 . 0

smg-25 1998-03-20 4 . 22 . 0

smg-26 1998-06-26 4 . 23 . 1

smg-27 1998-10-16 4 . 24 . 0

smg-28 1999-02-12 4 . 25 . 0

smg-29 1999-06-25 4 . 26 . 0

smg-30 1999-11-11 4 . 27 . 0

smg-31 2000-02-16 4 . 28 . 0

ETSI Publication 2000-09-08 4 . 28 . 1

GP-06 2001-09-06 4 . 29 . 0

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remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Ph2 *current version:* 4.16.0 *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-11b

NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-16 1995-10-20 4 . 13 . 0

smg-17 1996-02-02 4 . 14 . 0

smg-18 1996-04-12 4 . 15 . 0

GP-06 2001-09-06 4 . 16 . 0

[get it](#)

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remarks - general: 2001-11-19: G4->G5.
remarks - this release: GP-06: Rel-4 serves all releases.

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ACTIVE specs Ph2 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph2 *current version:* 4.21.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version,

smg-07	1993-06-25	4 . 8 . 0	get it	<i>remarks - general:</i>
smg-08	1993-10-01	4 . 9 . 0	get it	<i>remarks - this release:</i>
smg-09	1994-01-21	4 . 10 . 0	get it	
smg-10	1994-04-15	4 . 11 . 0	get it	
smg-11	1994-07-01	4 . 12 . 0	get it	
smg-12	1994-10-07	4 . 13 . 0	get it	
ETSI Publication	2003-09-01	4 . 13 . 1	get it	
smg-13	1995-01-27	4 . 14 . 0	get it	
smg-15	1995-04-07	4 . 15 . 0	get it	
smg-16	1995-10-20	4 . 16 . 0	get it	
smg-18	1996-04-12	4 . 17 . 0	get it	
smg-19	1996-06-28	4 . 18 . 0	get it	
smg-22	1997-06-13	4 . 19 . 0	get it	
smg-25	1998-03-20	4 . 20 . 0	get it	
smg-29	1999-06-25	4 . 21 . 0	get it	
ETSI Publication	1999-12-17	4 . 21 . 1	get it	

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

Ph2 *current version:* 4.3.1 *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version,

smg-15	1995-07-07	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-17	1996-02-02	4 . 1 . 0	get it	<i>remarks - this release:</i>
ETSI vote	1996-08-05	4 . 1 . 1	get it	
ETSI publication	1996-12-19	4 . 1 . 2	get it	
smg-21	1997-02-14	4 . 2 . 0	get it	
ETSI publication	1997-08-26	4 . 2 . 1	get it	
smg-23	1997-10-17	4 . 3 . 0	get it	
ETSI publication	1998-04-07	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> G1 / -	<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 1994-07-01 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-12 1994-10-07 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-13 1995-01-27 4 . 2 . 0	get it			
	smg-15 1995-07-07 4 . 3 . 0	get it			
	smg-16 1995-10-20 4 . 4 . 0	get it			
	smg-17 1996-02-02 4 . 5 . 0	get it			
	smg-18 1996-04-12 4 . 6 . 0	get it			
	smg-20 1996-10-11 4 . 7 . 0	get it			
	smg-22 1997-06-13 4 . 8 . 0	get it			
	smg-23 1997-10-17 4 . 9 . 0	get it			
	smg-25 1998-03-20 4 . 10 . 0	get it			
	smg-26 1998-06-26 4 . 11 . 0	get it			
	smg-27 1998-10-16 4 . 12 . 0	get it			
	smg-28 1999-02-12 4 . 13 . 0	get it			
	smg-29 1999-06-25 4 . 14 . 0	get it			
	ETSI Publication 1999-12-17 4 . 14 . 1	get it			

TR 11.22	GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	<to be defined> 4 . 0 . 0		<i>remarks - general:</i>		
	smg-21 1997-02-14 4 . 1 . 3	get it	<i>remarks - this release:</i> .		
	smg-31b 2000-04-17 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):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version,

smg-11	1994-07-01	4	.	0	.	0
smg-15	1995-07-07	4	.	1	.	0
smg-16	1995-10-20	4	.	2	.	0
smg-17	1996-02-02	4	.	3	.	0
smg-18	1996-04-12	4	.	4	.	0
smg-19	1996-06-28	4	.	5	.	0
smg-21	1997-02-14	4	.	6	.	0
smg-22	1997-06-13	4	.	7	.	0
smg-23	1997-10-17	4	.	8	.	0
smg-25	1998-03-20	4	.	9	.	0
Editorial	1998-10-20	4	.	9	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release: Not progressed to Ph2+ because no regulatory requirement.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version,

smg-14	1995-04-07	4	.	0	.	0
smg-20	1996-10-11	4	.	1	.	0
smg-25	1998-03-20	4	.	2	.	0
smg-27	1998-10-16	4	.	3	.	0

[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](#)

Editorial correction 1998-10-16 4 . 3 . 1

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version,

smg-15	1995-07-07	4	.	0	.	0
smg-17	1996-02-02	4	.	1	.	0
smg-18	1996-04-12	4	.	2	.	0
smg-20	1996-10-11	4	.	2	.	2

[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 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	1993-06-25	4	.	0	.	0	get it	<i>remarks - general:</i>
smg-08	1993-10-01	4	.	1	.	0	get it	<i>remarks - this release:</i>
smg-11	1994-07-01	4	.	2	.	0	get it	
smg-15	1995-07-07	4	.	3	.	0	get it	
smg-16	1995-10-20	4	.	4	.	0	get it	
smg-17	1996-02-02	4	.	5	.	0	get it	
smg-23	1997-10-17	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	1993-06-25	4	.	0	.	0	get it	<i>remarks - general:</i>
smg-08	1993-10-01	4	.	1	.	0	get it	<i>remarks - this release:</i>
smg-10	1994-04-15	4	.	2	.	0	get it	
smg-11	1994-07-01	4	.	3	.	0	get it	
smg-17	1996-02-02	4	.	4	.	0	get it	
Editorial	1996-02-02	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	1993-06-25	4	.	0	.	0	get it	<i>remarks - general:</i>
smg-08	1993-10-01	4	.	1	.	0	get it	<i>remarks - this release:</i>
smg-09	1994-01-21	4	.	2	.	0	get it	
smg-11	1994-07-01	4	.	3	.	0	get it	
smg-15	1995-07-07	4	.	4	.	0	get it	
smg-16	1995-10-20	4	.	5	.	0	get it	
smg-17	1996-02-02	4	.	6	.	0	get it	
Editorial	1996-02-02	4	.	6	.	1	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
Ph2	<i>current version:</i> 4.2.1					
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version,</i>					
	smg-11 1994-07-01 4 . 0 . 0					
	smg-14 1995-04-07 4 . 1 . 0					
	smg-17 1996-02-02 4 . 2 . 0					
	Editorial 1996-02-02 4 . 2 . 1					
		<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd	
		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
		get it				
		get it				
TS 12.04	Performance data measurements					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version,</i>					
	smg-08 1993-10-01 4 . 0 . 0					
	smg-11 1994-07-01 4 . 1 . 0					
	smg-13 1995-01-27 4 . 2 . 0					
	smg-17 1996-02-02 4 . 3 . 0					
	Editorial correction 1996-02-02 4 . 3 . 1					
		<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)	
		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
		get it				
		get it				
		get it				
TS 12.05	Subscriber Related Call and Event Data					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version,</i>					
	smg-08 1993-10-01 4 . 0 . 0					
	smg-11 1994-07-01 4 . 1 . 0					
	smg-15 1995-07-07 4 . 1 . 1					
	smg-17 1996-02-02 4 . 2 . 0					
	smg-22 1997-06-13 4 . 3 . 0					
	Editorial correction 1997-06-13 4 . 3 . 1					
		<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> ALEXANDER, Benni		NOKIA Corporation	
		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
		get it				
		get it				
		get it				
		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 *WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-11 1994-07-01 4 . 0 . 0 [get it](#) *remarks - general:*
smg-12 1994-10-07 4 . 0 . 1 [get it](#) *remarks - this release:*
smg-17 1996-02-02 4 . 1 . 0 [get it](#)
Editorial correction 1996-02-02 4 . 1 . 1 [get it](#)

TS 12.08 Subscriber and Equipment trace

Ph2 *current version:* 4.6.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-12 1994-10-07 4 . 0 . 0 [get it](#) *remarks - general:*
smg-14 1995-04-07 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-16 1995-10-20 4 . 2 . 0 [get it](#)
smg-18 1996-04-12 4 . 3 . 0 [get it](#)
smg-20 1996-10-11 4 . 4 . 0 [get it](#)
smg-22 1997-06-13 4 . 5 . 0 [get it](#)
smg-23 1997-10-17 4 . 6 . 0 [get it](#)
ETSI publication 2001-10-30 4 . 6 . 1 [get it](#)

TS 12.11 Fault management of the Base Station System (BSS)

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-26 1998-06-26 4 . 2 . 0 [get it](#) *remarks - general:*
Editorial correction 1998-06-26 4 . 2 . 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 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 1994-01-21 4 . 0 . 0 [get it](#) *remarks - general:*
smg-11 1994-07-01 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 1995-01-27 4 . 1 . 1 [get it](#)
smg-17 1996-02-02 4 . 2 . 0 [get it](#)
Editorial correction 1996-02-02 4 . 2 . 1 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-06? 4 . 0 . 0 *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-07 1993-06-25 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-08 1993-10-01 4 . 2 . 0 [get it](#)
smg-09 1994-01-21 4 . 3 . 0 [get it](#)
smg-11 1994-07-01 4 . 4 . 0 [get it](#)
smg-13 1995-01-27 4 . 5 . 0 [get it](#)
smg-16 1995-10-20 4 . 5 . 2 [get it](#)
ETSI publication 1998-05-28 4 . 5 . 4 [get it](#)
smg-21 4 . 6 . 0

TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 *current version:* 4.1.4 *WG (prime / other):* G1 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-11 1994-07-01 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-13 1995-01-27 4 . 1 . 0 [get it](#) *remarks - this release:*
PE88 1995-07-24 4 . 1 . 1 [get it](#)
smg-16 1995-10-20 4 . 1 . 2 [get it](#)
V100 1996-03-25 4 . 1 . 3 [get it](#)
ETSI publication 1996-09-04 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 1994-04-15 4 . 0 . 0
smg-11 1994-07-01 4 . 1 . 0
smg-15 1995-07-07 4 . 2 . 0

WG (prime / other): S5 / - *rapporteur:* TRUSS, Michael
G: yes U: *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[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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ACTIVE specs Ph2 TB .- series
Server http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: 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 03.20ext Security-related Network Functions (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
freeze_meeting: GP Sebastien
G: yes U: MCC: POPE, Maurice

history (event, available, version,
smg-07 2003-09-01 3 . 0 . 0 addendum to 03.20 v3.3.2 [get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-EXT **04** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08ext Mobile radio interface layer 3 specification, part 1 (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 0 extension to 04.08 v3.13.0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 08.08ext Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification (DCS 1800)

Ph1-EXT current version: 3.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: MCC: THOMASEN, Gert
history (event, available, version, smg-07 1995-01-01 3 . 0 . 0 [get it](#) remarks - general:
remarks - this release:

TS 08.58ext Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (Ext)

Ph1-EXT current version: 3.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: MCC: THOMASEN, Gert
history (event, available, version, ETSI publication 1995-01-01 3 . 0 . 0 based on 08.58 v3.5.0 [get it](#) remarks - general:
remarks - this release: #7: 3.0.0

Ph1-DCS

Ph1-DCS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06dcs Types of Mobile Stations (MS) - DCS 1800

Ph1-DC current version: 3.0.0 WG (prime / other): S1 / - rapporteur: WATSON, John VODAFONE Group Plc
freeze_meeting: G: yes U: MCC: CLAYTON, Michael
history (event, available, version, 1995-01-01 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 Ph1-DC 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11dcs Service accessibility (DCS 1800)

Ph1-DC *current version:* 3.1.0

freeze_meeting:

history (event, available, version,

? 1994-05-10 3 . 0 . 0 illegible

smg-01 1994-05-10 3 . 0 . 1

ETSI publication 1995-01-01 3 . 1 . 0

WG (prime / other): S1 / -

G: yes U:

rapporteur: IBIDUN, Kunle

MCC: CLAYTON, Michael

ORANGE PCS LTD

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

Ph1-DCS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12dcs Location Registration Procedures (DCS 1800)

Ph1-DC *current version:* 3.0.1

freeze_meeting:

history (event, available, version,

ETSI publication 2003-08-19 3 . 0 . 1

WG (prime / other): N4 / -

G: yes U:

rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

MCC: KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

remarks - this release: .

Ph1-DCS 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1-DC *current version:* 3.1.0

freeze_meeting:

history (event, available, version,

ETSI publication 1995-01-01 3 . 1 . 0 extension to 04.08 v3.13.0

WG (prime / other): N1 / G2

G: yes U:

rapporteur: HOWELL, Andrew MOTOROLA Ltd

MCC: JORGENSEN, Per Johan

[get it](#) *remarks - general:*

remarks - this release: .

Ph1-DCS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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Server ACTIVE specs Ph1-DC 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01dcs Physical Layer on the Radio Path (General Description) (DCS 1800)

Ph1-DC *current version:* 3.0.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 0 based on 05.01 v3.3.2 [get it](#) *remarks - general:*
remarks - this release: .

TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1-DC *current version:* 3.3.0 *WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-07 3 . 2 . 0 *remarks - general:*
smg-08 1995-01-01 3 . 3 . 0 based on 05,05 v3.16.0 [get it](#) *remarks - this release:*

TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1-DC *current version:* 3.0.0 *WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DC *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* Peter Skov
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 0 based on 08.58 v3.5.0 [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 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)

Ph1-DC *current version:* 3.0.0

freeze_meeting:

history (event, available, version,

ETSI publication 1993-03-03 3 . 0 . 0 based on 09.02 v3.8.0

WG (prime / other): N4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*

remarks - this release:

TS 09.10dcs Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DC *current version:* **Procedures and the Mobile Application Part (MAP) (DCS 1800)**

3.0.0 *WG (prime / other):* N4

/-

rapporteur:

KYMALAINEN, Kimmo

TeliaSonera AB

freeze_meeting:

G: yes U:

MCC:

KYMALAINEN, Kimmo

history (event, available, version,

ETSI publication 1995-01-01 3 . 0 . 0

[get it](#) *remarks - general:*

remarks - this release: .

Ph1-DCS **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1-DC *current version:* 3.23.1

freeze_meeting:

WG (prime / other): G3ne / S1 / *rapporteur:* LEGRAND, Walter EADS TELECOM

G3ne
w /
NP /
T2 /
SCP

G: yes *U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-02		3	.	2	.	0
smg-03		3	.	3	.	0
smg-04bis		3	.	4	.	0
smg-05		3	.	5	.	0
smg-06	1995-06-28	3	.	6	.	0
smg-07	1996-06-07	3	.	7	.	0
smg-08	1996-06-07	3	.	8	.	0
smg-09	1996-06-07	3	.	9	.	0
smg-10	1996-06-07	3	.	10	.	0
smg-11	1996-06-07	3	.	11	.	0
smg-12	1996-06-07	3	.	12	.	0
smg-13	1996-06-07	3	.	13	.	0
ETSI publication	1996-12-01	3	.	23	.	1

based on 11.10 v3.19.0

remarks - general:
remarks - this release:

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[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-DC *current version:* 3.3.4

freeze_meeting:

WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.

G: yes *U:* *MCC:* JURISIC, Andrijana

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	1994-02-21	3	.	3	.	4

remarks - general:
remarks - this release:

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Server ACTIVE specs Ph1-DC 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20dcs 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	1995-01-01	3	.	13	.	0

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: MCC: USAI, Paolino

remarks - general:
remarks - this release:

[get it](#)

TS 11.40dcs DCS 1800 System Simulator conformity specification

Ph1-DC *current version:* 3.3.0

freeze_meeting:

history (event, available, version,

smg-04	3	.	2	.	0	
smg-11	1995-11-13	3	.	3	.	0

WG (prime / other): G3ne / - *rapporteur:*
G: yes U: MCC: CLAYTON, Michael

remarks - general:
remarks - this release: #4: 3.2.0 #11: 3.3.0

[get it](#)

Ph1

Ph1

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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Server ACTIVE specs Ph1 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

Ph1 *current version:* 3.1.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
SP-20 2003-06-25 3 . 0 . 0 Created from 41.103. [get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
SP-21 2003-09-26 3 . 1 . 0 [get it](#) *remarks - this release:* . backwards extension to earlier releases.

TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: gsm-25b G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
gsm-29 2 . 0 . 3 *remarks - general:*
smg-12 1994-10-07 3 . 0 . 0 [get it](#) *remarks - this release:* .
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#)

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: gsm-25b G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-18 1996-04-10 3 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - this release:* .
PT12 release 1992-02-15 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 1990-01-15 3 . 1 . 1 [get it](#) *remarks - general:*
CEPT GSM doc 1991-07-15 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>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	CEPT GSM doc 1991-01-03 3 . 4 . 0			get it	<i>remarks - general:</i>		
	edito 1998-07-22 3 . 4 . 1			get it	<i>remarks - this release:</i> .		
<hr/>							
TS 02.04	General on Supplementary Services						
Ph1	<i>current version:</i> 3.7.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	- 1998-07-24 3 . 7 . 0			get it	<i>remarks - general:</i>		
	CEPT GSM doc 1991-01-03 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>	WATSON, John	VODAFONE Group Plc	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	2001-08-31 3 . 1 . 0			get it	<i>remarks - general:</i>		
	ETSI publication 1995-01-01 3 . 2 . 0			get it	<i>remarks - this release:</i> .		
<hr/>							
TS 02.07	Mobile Station (MS) Features						
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WATSON, John	VODAFONE Group Plc	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	- 1994-05-10 3 . 3 . 0			get it	<i>remarks - general:</i>		
	- 1994-05-10 3 . 4 . 0			get it	<i>remarks - this release:</i> .		
	ETSI publication 1995-01-01 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	TeliaSonera AB	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	NP	<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version,</i>						
	ETSI publication 1995-01-01 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	<i>current version:</i> 3.7.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	gsm-29 2001-08-30 3 . 5 . 0					
	smg-01 2001-08-30 3 . 6 . 0					
	ETSI publication 1995-01-01 3 . 7 . 0					
		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> IBIDUN, Kunle		ORANGE PCS LTD
		<i>G: yes U:</i>		<i>MCC:</i> CLAYTON, Michael		
					get it	<i>remarks - general:</i>
					get it	<i>remarks - this release:</i>
					get it	
TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph1	<i>current version:</i> 3.0.1					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01 3 . 0 . 1					
		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation
		<i>G: yes U:</i>		<i>MCC:</i> CLAYTON, Michael		
					get it	<i>remarks - general:</i>
						<i>remarks - this release:</i> .
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph1	<i>current version:</i> 3.2.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	.. 2001-08-30 3 . 1 . 2					
	ETSI publication 1995-01-01 3 . 2 . 0					
		<i>WG (prime / other):</i> T3 / S1		<i>rapporteur:</i> HOOKER, Philip		ORANGE PCS LTD
		<i>G: yes U:</i>		<i>MCC:</i> JURISIC, Andrijana		
					get it	<i>remarks - general:</i>
					get it	<i>remarks - this release:</i> .
TS 02.20	Collection charges					
Ph1	<i>current version:</i> 3.0.1					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	06/05/1992: 1997-10-09 3 . 0 . 1					
		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd
		<i>G: yes U:</i>		<i>MCC:</i> CLAYTON, Michael		
					get it	<i>remarks - general:</i>
						<i>remarks - this release:</i>
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph1	<i>current version:</i> 3.9.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01 3 . 9 . 0					
		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> JEAL, David		VODAFONE Group Plc
		<i>G: yes U:</i>		<i>MCC:</i> CLAYTON, Michael		
					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 02.40	Procedures for Call Progress Indications					
Ph1	current version: 3.2.0	WG (prime / other):	S1 / NP	rapporteur:	DEOL, Amar	Nortel Networks (USA)
	freeze_meeting: gsm-25b	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, ETSI publication 1995-01-01 3 . 2 . 0			get it	remarks - general: remarks - this release: .	
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
Ph1	current version: 3.6.1	WG (prime / other):	S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE PCS LTD
	freeze_meeting: gsm-25b	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, ETSI publication 1995-01-01 3 . 6 . 1			get it	remarks - general: remarks - this release: .	
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
Ph1	current version: 3.6.1	WG (prime / other):	S1 / -	rapporteur:	ACHER, Johannes	T-Mobile AUSTRIA GmbH
	freeze_meeting: gsm-25b	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, ETSI publication 1995-01-01 3 . 6 . 1			get it	remarks - general: remarks - this release: .	
<hr/>						

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
Ph1	current version: 3.1.1	WG (prime / other):	S2 / NP	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB
	freeze_meeting: gsm-25b	G: yes U:		MCC:	YOON, Sang-Ui	
	history (event, available, version, ETSI publication 1995-01-01 3 . 1 . 1			get it	remarks - general: SMG3->SA2 @ TSG#7 remarks - this release: .	
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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
Ph1	<i>current version:</i> 3.1.4	<i>WG (prime / other):</i> S2 / NP /	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> gsm-25b	T2				
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui			
	ETSI publication 1995-01-01 3 . 1 . 4	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 03.03	Numbering, Addressing and Identification					
Ph1	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 6 . 0		<i>remarks - this release:</i>			
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / SPA	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	N /				
	<i>history (event, available, version,</i>	T2	<i>MCC:</i> KYMALAINEN, Kimmo			
	ETSI publication 1995-01-01 3 . 1 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TR 03.05	Technical performance objectives					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 2 . 0		<i>remarks - this release:</i> .			
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	<i>G: yes U:</i>	Chalmers			
	<i>history (event, available, version,</i>	get it	<i>MCC:</i> KYMALAINEN, Kimmo			
	ETSI publication 1995-01-01 3 . 2 . 1		<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 03.08	Organization of Subscriber Data						
Ph1	<i>current version:</i> 3.7.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 7 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>							
TS 03.09	Handover Procedures						
Ph1	<i>current version:</i> 3.2.1		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 2 . 1			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>							
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types						
Ph1	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> gsm4 2003-05-06 2 . 0 . 0 Jan 1988 gsm4 2003-05-06 3 . 0 . 0 Feb 1988 gsm4 2003-05-06 3 . 1 . 0 Jul 1988 gsm4 2003-05-06 3 . 2 . 0 Nov 1988 ETSI publication 1995-01-01 3 . 3 . 0			get it get it get it get it 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:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 1 . 1			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>							
TS 03.12	Location Registration Procedures						
Ph1	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 3 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph1 *current version:* 3.0.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 2

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph1 *current version:* 3.0.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 2

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: MCC: JORGENSEN, Per Johan

SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.20 Security-related Network Functions

Ph1 *current version:* 3.3.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 0
ETSI publication 1995-01-01 3 . 3 . 2

WG (prime / other): S3 / NP / GP
G: yes U: *rapporteur:* NGUYEN NGOC, Sebastien
MCC: POPE, Maurice

France Telecom

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 03.40 Technical realization of the Short Message Service (SMS)

Ph1 *current version:* 3.7.0
freeze_meeting: gsm-25b
history (event, available, version,
gsm4 2003-05-06 2 . 1 . 0 Sep 1988
gsm4 2003-05-06 2 . 1 . 1 Nov 1988
gsm4 2003-05-06 3 . 0 . 0 Apr 1989
gsm4 2003-05-06 3 . 4 . 0 Jan 1990
gsm4 2003-05-06 3 . 4 . 1 Oct 1990
gsm4 2003-05-06 3 . 5 . 0 Feb 1992
smg-08 1997-09-05 3 . 6 . 0
smg-09 1995-01-01 3 . 7 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian
G: yes U: MCC: RODERMUND, Friedhelm

Research In Motion Limited

[get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
[get it](#) *remarks - this release:*

G = required in systems with GERAN 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 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph1 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
gsm4 2003-05-06 1 . 1 . 1 Sep 1988 [get it](#) *remarks - general:*
gsm4 2003-05-06 1 . 2 . 1 Nov 1988 [get it](#) *remarks - this release:* .
gsm4 2003-05-06 2 . 0 . 0 Jan 1988 - rejected GSM-17b [get it](#)
gsm4 2003-05-06 3 . 2 . 0 Jan 1990 [get it](#)
gsm4 2003-05-06 3 . 2 . 1 Oct 1990 [get it](#)
gsm4 2003-05-06 3 . 3 . 0 Jan 1991 [get it](#)
ETSI publication 1995-01-01 3 . 4 . 0 [get it](#)

TR 03.43 Support of Videotex

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Friedhelm
RODERMUND, Friedhelm

history (event, available, version,
gsm4 2003-05-06 1 . 0 . 1 Jun 1988 [get it](#) *remarks - general:*
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - this release:* .

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Friedhelm
RODERMUND, Friedhelm

history (event, available, version,
gsm4 2003-05-06 1 . 0 . 0 Sep 1988 [get it](#) *remarks - general:*
gsm4 2003-05-06 1 . 1 . 0 Nov 1988 [get it](#) *remarks - this release:* .
gsm4 2003-05-06 2 . 0 . 0 [get it](#)
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#)

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph1 *current version:* 3.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
gsm 2003-05-06 1 . 0 . 0 Sep 1988 [get it](#) *remarks - general:*
gsm 2003-05-06 2 . 0 . 0 Jan 1989 [get it](#) *remarks - this release:*
smg-05 3 . 2 . 0
ETSI publication 1995-01-01 3 . 3 . 0 exists in PDF only [get it](#)

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph1 *current version:* 3.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 1995-01-01 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release:

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

Ph1 *current version:* 3.0.1 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version,
1997-10-09 3 . 0 . 1 [get it](#) *remarks - general:* SMG9->T3@#31
remarks - this release: .

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

Ph1 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 1995-01-01 3 . 4 . 0 [get it](#) *remarks - general:*
remarks - this release: #4: 3.2.2 #8: 3.3.0 #11: 3.4.0

TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

Ph1 *current version:* 3.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
gsm4 2003-05-06 1 . 0 . 0 Jul 1988 [get it](#) *remarks - general:* N3: "no R99 needed".
gsm4 2003-05-06 2 . 0 . 0 Sep 1988 [get it](#) *remarks - this release:* .
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#)

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph1 *current version:* 3.2.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 1995-01-01 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph1
current version: 3.2.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 2 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
remarks - this release: .

Ph1 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph1
current version: 3.0.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 1

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
remarks - this release: .

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph1
current version: 3.0.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 2

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
remarks - this release: .

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Ph1
current version: 3.0.3
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 3

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert

[get it](#) remarks - general:
remarks - this release: .

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.04	Layer 1 - General Requirements					
Ph1	<i>current version:</i> 3.3.4	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01	0 . 0 . 0				
		3 . 3 . 4	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		THOMASEN, Gert			
	ETSI publication 1995-01-01	3 . 1 . 5				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
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	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		THOMASEN, Gert			
	ETSI publication 1995-01-01	3 . 9 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects					
Ph1	<i>current version:</i> 3.3.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01	3 . 3 . 3				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
TS 04.08	Mobile radio interface layer 3 specification					
Ph1	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01	3 . 13 . 0				
	ETSI publication 1997-09-15	3 . 14 . 0	get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert		
			get it	<i>remarks - this release:</i> . Thomasen (even numbered CRs!)		

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Ph1	current version: 3.2.3	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: gsm-25b				Peter Skov				
		G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	ETSI publication 1995-01-01	3	.	2	.	3			
		get it		remarks - general:					
				remarks - this release:					
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
Ph1	current version: 3.2.1	WG (prime / other):	N1 / -	rapporteur:	NOBUYUKI, Uda	NTT COMWARE Corporation			
	freeze_meeting: gsm-25b			MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	ETSI publication 1995-01-01	3	.	3	.	0			
		get it		remarks - general:					
				remarks - this release:	#5:3.3.0				
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
Ph1	current version: 3.2.1	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: gsm-25b				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	ETSI publication 1995-01-01	3	.	2	.	1			
		get it		remarks - general:					
				remarks - this release:					
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph1	current version: 3.4.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: gsm-25b			MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	gsm4 2003-05-06	2	.	0	.	0	Feb 1988		
	gsm4 2003-05-06	3	.	0	.	0	Feb 1988		
	gsm4 2003-05-06	3	.	1	.	0	Jun 1988		
	ETSI publication 1995-01-01	3	.	4	.	0			
		get it		remarks - general:					
		get it		remarks - this release:					
		get it							
		get it							
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
Ph1	current version: Switching Centre (BSS - MSC) interface	3.7.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: gsm-25b		G: yes	U:	MCC:	BOSWARTHICK, David			
	history (event, available, version,								
	ETSI publication 1995-01-01	3	.	7	.	0			
		get it		remarks - general:					
				remarks - this release:					

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding
Ph1 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 1995-01-01 3 . 2 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3
Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 1995-01-01 3 . 1 . 3 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3
Ph1 *current version:* 3.1.3 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 1995-01-01 3 . 1 . 3 [get it](#) *remarks - general:*
remarks - this release: .

Ph1 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)
Ph1 *current version:* 3.3.2 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 1995-01-01 3 . 3 . 2 [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 05.02 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 1995-01-01 3 . 8 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
remarks - this release:

TS 05.03 Channel coding

Ph1 *current version:* 3.6.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 6 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
remarks - this release: #12: 3.6.1

TS 05.04 Modulation

Ph1 *current version:* 3.1.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 1 . 2

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
remarks - this release: .

TS 05.05 Radio Transmission and Reception

Ph1 *current version:* 3.16.0
freeze_meeting: gsm-25b
history (event, available, version,
smg-04 3 . 14 . 0
smg-06b 3 . 15 . 0
ETSI publication 1995-01-01 3 . 16 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:*
remarks - this release:

TS 05.08 Radio Subsystem Link Control

Ph1 *current version:* 3.8.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 8 . 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:

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Server ACTIVE specs Ph1 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10 Radio subsystem synchronization
Ph1 *current version:* 3.5.1
freeze_meeting: gsm-25b
history (event, available, version,
smg-04 1995-01-01 3 . 5 . 1

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: MCC: USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release:

Ph1 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
Ph1 *current version:* 3.0.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino
G: yes U: MCC: USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.10 Full Rate Speech Transcoding
Ph1 *current version:* 3.2.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 2 . 0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar
G: yes U: MCC: USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels
Ph1 *current version:* 3.0.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William
G: yes U: MCC: USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
ETSI publication 1995-01-01 3 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.32 Voice Activity Detection (VAD)

Ph1 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino One
history (event, available, version,
ETSI publication 1995-01-01 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,
gsm-20 3 . 2 . 0 *remarks - general:*
ETSI publication 1995-01-01 3 . 14 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs Ph1 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph1 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 1995-01-01 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 1995-01-01 3 . 4 . 0 [get it](#) *remarks - general:*
remarks - this release: #5: 3.4.0

Ph1 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

Ph1 *current version:* 3.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Peter Skov THOMASEN, Gert
history (event, available, version,
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph1 *current version:* 3.3.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Peter Skov THOMASEN, Gert
history (event, available, version,
ETSI publication 1995-01-01 3 . 3 . 1 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
Ph1	<i>current version:</i> 3.0.3 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 3	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Ph1	<i>current version:</i> 3.5.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 5 . 2	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Ph1	<i>current version:</i> 3.10.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 0 ETSI publication 1995-01-01 3 . 10 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		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					
Ph1	<i>current version:</i> 3.1.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 1 . 2	G: yes U:	<i>MCC:</i>			
		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>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 2	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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Server ACTIVE specs Ph1 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					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 2	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		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>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
Ph1	<i>current version:</i> 3.1.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 1 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		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					
Ph1	<i>current version:</i> 3.6.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 0 smg-10 1995-01-01 3 . 6 . 0	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #10: 3.6.0			
<hr/>						
TS 08.59	BSC-BTS O&M Signalling Transport					
Ph1	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VACANT, USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 1 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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Server ACTIVE specs Ph1 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
Ph1 *current version:* 3.3.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* Peter Skov
history (event, available, version, *MCC:* USAI, Paolino
ETSI publication 1995-01-01 3 . 3 . 1 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
remarks - this release: .

Ph1 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
Ph1 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, *remarks - general:*
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - this release:* .

TS 09.02 Mobile Application Part (MAP) Specification
Ph1 *current version:* 3.11.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, *remarks - general:* CN->N4 Apr00 (JMM)
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#) *remarks - this release:*
ETSI publication 1991-02-11 3 . 8 . 0 [get it](#)
smg-10 1994-06-14 3 . 9 . 0 [get it](#)
1994-10-14 3 . 10 . 0 [get it](#)
ETSI publication 1995-01-01 3 . 11 . 0 [get it](#)

TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile
Ph1 *current version:* Network (PLMN) 3.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David
ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, *remarks - general:* N3: "no R99 needed".
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs Ph1 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 1					get it	<i>remarks - general:</i> N3: "no R99 needed".		<i>remarks - this release:</i> .
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph1	<i>current version:</i> 3.2.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 2 . 2					get it	<i>remarks - general:</i> N3: "no R99 needed".		<i>remarks - this release:</i> .
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)	3.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert					
Ph1	<i>current version:</i> Network (PSTN)								
SIEMENS AG									
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 10 . 0					get it	<i>remarks - general:</i>		<i>remarks - this release:</i> #5: 3.8.0 #9: 3.9.0 #14: 3.10.0
<hr/>									
TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo					
Ph1	<i>current version:</i> Procedures and the Mobile Application Part (MAP)								
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 1995-01-01 3 . 0 . 0 ETSI publication 1995-01-01 3 . 0 . 2					get it	<i>remarks - general:</i>		<i>remarks - this release:</i> .
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i> ETSI publication 1995-01-01 3 . 0 . 1					get it	<i>remarks - general:</i>		<i>remarks - this release:</i> .

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Server ACTIVE specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

Ph1 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1 current version: 3.23.1
freeze_meeting: gsm-25b

WG (prime / other): G3ne / S1 / rapporteur: LEGRAND, Walter EADS TELECOM

G3ne
w /
NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

First complete	1992-01-01	1	.	0	.	0
gsm-27		3	.	1	.	0
gsm-28		3	.	2	.	0
gsm-29		3	.	3	.	0
gsm-30		3	.	4	.	0
gsm-31		3	.	5	.	0
gsm-32		3	.	6	.	0
smg-01		3	.	7	.	0
smg-02		3	.	8	.	0
smg-03		3	.	9	.	0
smg-04bis		3	.	10	.	0
smg-05		3	.	11	.	0
smg-06		3	.	12	.	0
smg-07		3	.	13	.	0
smg-08 ?	1996-01-01	3	.	14	.	0
smg-08	1996-06-07	3	.	15	.	0
smg-09	1996-06-07	3	.	16	.	0
smg-10	1996-09-02	3	.	17	.	0
smg-11	1996-09-02	3	.	18	.	0
smg-12	1996-09-02	3	.	19	.	0
smg-13	1996-06-28	3	.	20	.	0
smg-15		3	.	21	.	0
smg-16	1996-01-01	3	.	22	.	0
smg-20	1996-10-16	3	.	23	.	0
ETSI publication	1996-12-30	3	.	23	.	1

[get it](#) remarks - general:
remarks - this release:

[get it](#)
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Server ACTIVE specs Ph1 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					
Ph1	<i>current version:</i> 3.16.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01 3 . 3 . 3	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 16 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 11.30	Mobile Services Switching Centre					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01 3 . 2 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 11.31	Home Location Register Specification					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01 3 . 2 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 11.32	Visitor Location Register Specification					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 1995-01-01 3 . 2 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 11.40	GSM System Simulator specification					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> G3ne / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	ETSI publication 1996-01-01 3 . 3 . 0	get it	<i>remarks - general:</i>			
	smg-02 3 . 6 . 0		<i>remarks - this release:</i> #2: 3.6.0 #11: 3.7.0			
	smg-11 1996-01-01 3 . 7 . 0	get it				

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Server ACTIVE specs Ph1 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

Ph1 **12** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1 *current version:* none
freeze_meeting: gsm-25b
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael
G: yes *U:* yes *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
G: yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

MOTOROLA

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

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
G: yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

MOTOROLA

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

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Server ACTIVE specs 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 1)

current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): S1 / *rapporteur:* ZARRI, Michele
G: *U:* yes *MCC:* CLAYTON, Michael

T-Mobile (UK) Ltd

remarks - general:
remarks - this release:

23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 2)

current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): S2 / *rapporteur:* N, A
G: *U:* yes *MCC:* YOON, Sang-Ui

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

WITHDRA specs

<?>

<?> 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801	(reserved for T1 RF group)				
<?>	current version: none	WG (prime / other):	T1 /	rapporteur:	N, A
	freeze_meeting:				
	history (event, available, version,	G:	U: yes	MCC:	SULTAN, Alain
				remarks - general:	2002-09-16: -> 34.901.
				remarks - this release:	.

Rel-7

Rel-7 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.997	(provisionally reserved for: Remote control of electrical tilting antennas) - TP-20: number not used, became 25.802.				
Rel-7	current version: none	WG (prime / other):	R3 / -	rapporteur:	HAUSER, Andreas Vodafone D2 GmbH
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen
	history (event, available, version,			remarks - general:	RP-19: WI = RP-030193. 2003-04-14: WG Sec reports that this may need to be a
				remarks - this release:	RP-19: Completion target: RP-22. Thus assume service will be implemented in xx.8xx

number instead. RP-20: confirmed, so this one stopped

Rel-6

Rel-6 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series**TS 21.104 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (Rel-6)**

Rel-6 *current version:* none *freeze_meeting:* *history (event, available, version,*
WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: 2003-05: Title changed from "3rd Generation mobile system Release 6
remarks - this release: SP-20: Superseded by 21.101 Rel-4. specifications". SP-20: Superseded by 21.101

Rel-4.

Rel-6 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series**TS 22.234 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 1**

Rel-6 *current version:* none *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S1 / - *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK
G: *U:* yes *MCC:* CLAYTON, Michael

remarks - general: 2003-10-31: Spec number formally allocated
remarks - this release: SP-22: target for approval = SP-25.

SP=23 2 . 0 . 0 SP-040100
SP=23 6 . 0 . 0

TR 22.976 Study on PS domain services and capabilities

Rel-6 *current version:* none *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
remarks - this release: 2003-04-07 Clayton: scrapped.

SP-08 2000-06-28 2 . 0 . 0 SP-19: txverred from Rel-5

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 23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities					
Rel-6	<i>current version:</i> none	WG (prime / other):	S2 /	<i>rapporteur:</i>	PUDNEY, Chris	VODAFONE Group Plc
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	YOON, Sang-Ui	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	Created as a result of 23.895.	
				<i>remarks - this release:</i>	SP-20: is in fact a Rel-5 doc.	
TS 23.340	(reserved for:" IP Multimedia Subsystem (IMS) messaging; Stage 2")					
Rel-6	<i>current version:</i> none	WG (prime / other):	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 23.825	Overall architecture aspects of IP flow based bearer level charging; Stage 2					
Rel-6	<i>current version:</i> none	WG (prime / other):	S2 / -	<i>rapporteur:</i>	WILLIAMS, Brian	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	WI UID = 32030. SP-23: withdrawn, on bringing of 23.125 under change control.	
	draft		0 . 1 . 0	<i>remarks - this release:</i>	.	
	S2-29		0 . 2 . 0			
	S2-30 2003-04-08		0 . 3 . 0	get it		
	S2-31 2003-07-17		0 . 4 . 0	get it		
	draft		0 . 4 . 1			
	S2-32 2003-06-02		0 . 5 . 0	get it		
	S2-33		0 . 6 . 0			
	draft 2003-07-24		0 . 6 . 1	get it		
	S2-34 2003-09-01		0 . 7 . 0	get it		
	SP-21 2003-09-11		1 . 0 . 0	get it		SP-030389
	S2-35 2003-11-07		1 . 1 . 0	get it		
	S2-36 2004-01-03		1 . 2 . 0	get it		
	S2-36 2004-01-03		1 . 3 . 0	get it		
	S2-37 2004-01-27		1 . 4 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.802 Remote control of electrically tilting antennas

Rel-6 *current version:* none
freeze_meeting:
history (event, available, version,
R3-36 0 . 1 . 0
R3-37 0 . 1 . 1

R3-37 0 . 2 . 0

R3-38 2003-11-07 0 . 2 . 1
R3-39 0 . 3 . 0
R3-39 2003-11-24 0 . 3 . 1 R3-031851

WG (prime / other): R3 / - *rapporteur:* HAUSER, Andreas Vodafone D2 GmbH
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

remarks - general: RP-19: WI = RP-030193. WI UID = 23010
remarks - this release: RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7. RP-21: In fact, the work item is in Rel-6, so for now, move it to Rel-6. (No draft visible yet.)

[get it](#)

[get it](#)

TR 25.893 Radio access bearer scenarios

Rel-6 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general: 2003-05-26: to be stopped.
remarks - this release: RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993). 2003-09-10 R2 proposes to abandon. RP-21: stopped

TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

Rel-6 *current version:* none
freeze_meeting:
history (event, available, version,
rapporteur's first draft 0 . 0 . 0
second draft with MCC revisions agreed by rapporteur 2004-02-06 0 . 0 . 1 R2-040403, RP-040080

WG (prime / other): R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general: This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the
remarks - this release: . notion of this TR, so stopped.

[get it](#)

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 / - *rporteur:* 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: rporteur 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 *rporteur:* 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.

TS 32.350 Telecommunication management; Communication Surveillance (CS) requirements
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rporteur:* LI, Yewen China Mobile Communications Corporation (CMCC)
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-21 2003-09-29 1 . 0 . 0 SP-030422. 2003-12-05: S5 states that [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014) 2003-12-05: S5 states that all contents moved to
remarks - this release: 2003-12-05: S5 states that all contents moved to 32.351. 32.351.

Rel-6 **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-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:
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:* JURISIC, Andrijana

Axalto, 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 **21** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.103 3rd Generation mobile system Release 5 specifications
Rel-5 *current version:* none *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-20: Superseded by 21.101 Rel-5.
SP-12 2001-07-05 0 . 1 . 0 SP-010381 [get it](#) *remarks - this release:* SP-20: Superseded by 21.101 Rel-5.
SP-13 2001-10-01 1 . 0 . 0 SP-010418 [get it](#)
SP-15 2002-03-19 1 . 1 . 0 SP-020095 [get it](#)
SP-15 2002-03-19 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 2002-06-19 5 . 0 . 0 SP-020411 [get it](#)
SP-17 2002-09-18 5 . 1 . 0 [get it](#)
SP-18 2003-01-03 5 . 2 . 0 [get it](#)
SP-19 2003-03-27 5 . 3 . 0 [get it](#)
SP-20 2003-06-25 5 . 4 . 0 withdrawn -> 21.101 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture

Rel-5 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 2002-04-15 0 . 2 . 0 [get it](#) *remarks - general:*
draft 2002-08-14 0 . 4 . 0 [get it](#) *remarks - this release:* SP-20: -> Rel-6.
draft 2002-09-17 0 . 5 . 0 [get it](#)
draft 2002-12-16 0 . 6 . 0 [get it](#)
draft 2003-02-24 0 . 7 . 0 -> Rel-6 [get it](#)

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 2001-06-27 1 . 0 . 0 SP-010364 (replaces SP-010265) [get it](#) *remarks - general:*
SP-13 2001-10-01 2 . 0 . 0 SP-010444 [get it](#) *remarks - this release:* SP-16: moved to Rel-6
SP-13 2001-10-05 5 . 0 . 0 [get it](#)
SP-14 2002-01-10 5 . 1 . 0 [get it](#)
SP-15 2002-03-28 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 2001-10-01 2 . 0 . 0 SP-010443 [get it](#) *remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.
SP-13 2001-10-05 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 2002-01-10 5 . 1 . 0 [get it](#)
SP-15 2002-03-28 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

TR 22.946 Broadcast and multicast services
Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
SP-12 2001-06-27 1 . 0 . 0 SP-010267

WG (prime / other): S1 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
G: *U:* yes *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:* Replaced by 22.146.
remarks - this release: To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

TR 22.976 Study on PS domain services and capabilities
Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
SP-08 2000-06-28 2 . 0 . 0 transferred from Rel-4.

WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6

Rel-5 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2
Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

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.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.174 Push service; stage 2

Rel-5 *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 customized Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
G: *U:* yes *MCC:* JURISIC, Andrijana

remarks - general: 2001-10-26: renumbered to 23.278.
remarks - this release: 2001-10-26: renumbered to 23.278.

TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,

WG (prime / other): S2 / *rapporteur:* UZQUIANO, Nacho TELEFONICA DE ESPAÑA SA
G: *U:* yes *MCC:* YOON, Sang-Ui

remarks - general: Cf work item 'Generic user profile'
remarks - this release: -> Rel-6

draft 0 . 2 . 0
draft 0 . 3 . 0
S2-23 0 . 4 . 0
post S2-23 0 . 4 . 1
S2-25 0 . 5 . 1
S2-26 0 . 6 . 0
S2-26 0 . 6 . 1
S2-27 0 . 7 . 0
S2-27 0 . 7 . 1
S2-28 0 . 8 . 0
post S2-28 0 . 9 . 0
S2-29 0 . 10 . 0
post S2-29 0 . 11 . 0
SP-19 2003-03-24 0 . 12 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.909	Technical report on the Gateway Location Register								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD			
	<i>history (event, available, version, NP-16</i>	5 . 0 . 0	G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
				2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>		
							<i>remarks - this release:</i>	2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
TR 23.911	Technical report on Out-of-band transcoder control								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB			
	<i>history (event, available, version, NP-16</i>	5 . 0 . 0	G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
				2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>		
							<i>remarks - this release:</i>	2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
TR 23.912	Technical report on Super-Charger								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)			
	<i>history (event, available, version, NP-16</i>	5 . 0 . 0	G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
				2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>		
							<i>remarks - this release:</i>	2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
TR 23.915	Charging implications of IMS architecture								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15		<i>WG (prime / other):</i> S2 /		<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG			
	<i>history (event, available, version,</i>		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
							<i>remarks - general:</i>	2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!	
							<i>remarks - this release:</i>	.	
TR 23.955	Virtual Home Environment (VHE) concepts								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-16		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> SULTAN, Alain	SOURCE COM			
	<i>history (event, available, version,</i>		G: U: yes		<i>MCC:</i> YOON, Sang-Ui				
	draft 2001-01-08 0 . 0 . 0						<i>remarks - general:</i>	SP-20: stopped	
	draft 2001-01-24 0 . 1 . 0						<i>remarks - this release:</i>	SP-20: stopped	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.974 Support of push service
Rel-5 *current version: none* WG (prime / other): S2 / rapporteur: UDA, Nobuyuki NTT COMWARE Corporation
freeze_meeting: SP-15 G: U: yes MCC: YOON, Sang-Ui
history (event, available, version,
SP-13 2001-10-01 2 . 0 . 0 SP-010508 - approved as 23.875 [get it](#) *remarks - general:* SP-13: changed number to 23.875.
remarks - this release: May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.

Rel-5 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3
Rel-5 *current version: none* WG (prime / other): T2 / rapporteur: SOOD, Prem SHARP Corporation
freeze_meeting: TP-16 G: U: yes MCC: RODERMUND, Friedhelm
history (event, available, version,
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 2001-06-19 1 . 0 . 0 RP-010345 [get it](#) *remarks - general:*
RP-13 2001-10-01 2 . 0 . 0 RP-010562 [get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
RP-13 2001-10-02 5 . 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-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.856 High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects

Rel-5 *current version: none* WG (prime / other): R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 G: U: yes *MCC:* ARZELIER, Claude
history (event, available, version, *remarks - general: 2003-05-26: stopped*
remarks - this release: 2003-05-26: stopped

TR 25.857 UE positioning enhancements

Rel-5 *current version: none* WG (prime / other): R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG
freeze_meeting: RP-15 G: U: yes *MCC:* ARZELIER, Claude
history (event, available, version, *remarks - general: 2003-05-26: stopped*
remarks - this release: 2003-05-26: stopped

TR 25.861 RNC - SMLC location protocol

Rel-5 *current version: none* WG (prime / other): R2 / *rapporteur:* MIKOLA, Juha NOKIA Corporation
freeze_meeting: RP-15 G: U: yes *MCC:* ARZELIER, Claude
history (event, available, version, *remarks - general: RP-15: abandoned in favour of directly writing the stage 3 spec.*
remarks - this release: RP-15: abandoned in favour of directly writing the stage 3 spec.

TR 25.867 Feasibility study for wideband distribution systems in 3rd generation networks

Rel-5 *current version: none* WG (prime / other): R4 / *rapporteur:* MATARASSO, Carlo Mikom - Andrew
freeze_meeting: RP-15 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, [get it](#) *remarks - general:*
RP-14 2002-01-02 1 . 0 . 0 RP-010794 *remarks - this release: 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.869 Transmitter diversity solutions for multiple antennas

Rel-5 *current version:* none
freeze_meeting: RP-15
history (event, available, version,
draft 0 . 1 . 0
draft 0 . 1 . 1
RP-12 2001-06-28 1 . 0 . 0 RP-010344 [get it](#)
RP-13 2001-10-01 1 . 0 . 1 RP-010637 [get it](#)
RP-15 2002-03-19 1 . 0 . 2 RP-020130 - RP-20: to Rel-6 [get it](#)
draft 2003-10-08 1 . 2 . 0 R1-030946 [get it](#)
draft 2004-03-01 1 . 2 . 1 R1-040396 [get it](#)

WG (prime / other): R1 / - *rapporteur:* KIM, Sung-Jin Samsung Electronics Ind. Co., Ltd.
G: *U:* yes *MCC:* SASAKI, Tsukasa

remarks - general:
remarks - this release: RP-20: to Rel-6.

TR 25.876 Multiple Input Multiple Output (MIMO) Antennae in UTRA

Rel-5 *current version:* none
freeze_meeting: RP-15
history (event, available, version,
R1-21 0 . 0 . 0 R1-010879
RP-14 2002-01-02 1 . 0 . 0 RP-010796 [get it](#)
R1-24 1 . 0 . 1 R1-020486
RP-15 2002-07-31 1 . 1 . 0 RP-020240 [get it](#)

WG (prime / other): R1 / *rapporteur:* HUANG, Howard Lucent Technologies
G: *U:* yes *MCC:* SASAKI, Tsukasa

remarks - general: RP-20: reference to HSDPA removed from title
remarks - this release: 2003-11-03: Timed out of Rel-5, must be Rel-6.

TR 25.885 UMTS 1800 / 1900 MHz work items report

Rel-5 *current version:* none
freeze_meeting: RP-15
history (event, available, version,
RP-13 2001-10-01 1 . 0 . 0 RP-010672. RP-17: withdrawn. [get it](#)

WG (prime / other): R4 / *rapporteur:* NUMMINEN, Jussi NOKIA Corporation
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general: RP-17: withdrawn. RP-18 unwithdrawn.
remarks - this release: RP-17: withdrawn.

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.

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 25.887	Beamforming enhancements								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi		Nokia Japan Co, Ltd		
	<i>freeze_meeting:</i> RP-15			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	R1-22	0 . 0 . 1	R1-011342						
	RP-14 (ex R1-22) 2001-12-07	1 . 0 . 0	R1-040188	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> RP-15: Deferred to Rel-6.				
<hr/>									
TR 25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LI, Xiaoqiang		SAMSUNG Electronics Research Institute		
	<i>freeze_meeting:</i> RP-16			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-17 2002-09-24	1 . 0 . 0	RP-020508	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> -> Rel-6				
<hr/>									
TR 25.890	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> FERNANDES, Edgar		MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 0							
	RP-16 2002-06-26	1 . 0 . 0	RP-020376	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> RP-22: Went off the boil after RP-16. No need for it any more.				
<hr/>									
TR 25.893	Radio access bearer scenarios								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha		NOKIA Corporation		
	<i>freeze_meeting:</i> RP-19			G: U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> 2003-05-26: to be stopped.				
					<i>remarks - this release:</i> 2003-05-26: to be stopped, relevant partsto be moved to 25.993. RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).				

G = required in systems with GERAN acces; U = required in systems with UMTS

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WITHDRAWN specs Rel-5 25 .- series
Server http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.951 Base Station (BS) classification (FDD)

Rel-5 *current version:* none
freeze_meeting: RP-16
WG (prime / other): R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
Tuomo
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-13 2001-10-01 1 . 1 . 0 moved from Rel-4 [get it](#) *remarks - general:*
R4-23 1 . 2 . 0 R4-020688 *remarks - this release:* 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.
R4-24 1 . 3 . 0 R4-021073, R4-021376, R4-021377
R4-25 1 . 4 . 0 R4-021430 et al
draft 1 . 4 . 1
R4-26 1 . 5 . 0 R4-021695 et al
R4-26 1 . 5 . 1 R4-030210

TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

Rel-5 *current version:* none
freeze_meeting:
WG (prime / other): R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
ARZELIER, Claude
G: *U:* yes
remarks - general: This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the
remarks - this release: No technical contents, merely a pointer to the latest Release version. notion of this TR,

so stopped.

Rel-5 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none
freeze_meeting: TP-15
WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
RODERMUND, Friedhelm
G: *U:* yes *MCC:*
history (event, available, version,
TP-10 2001-01-05 0 . 1 . 1 SP-000657 [get it](#) *remarks - general:* TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this
remarks - this release: TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is spec is

scrapped.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

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,

WG (prime / other): N3 / *rapporteur:* HOLLAND, Nigel mmO2 plc
G: yes *U:* yes *MCC:* BOSWARTHICK, David

remarks - general:
remarks - this release: NP-19: to Rel-6

draft 2001-06-01 0 . 1 . 0
draft 2001-11-08 0 . 3 . 0
draft 2002-01-14 0 . 4 . 0
draft 2002-02-18 0 . 6 . 1
NP-15 2002-03-19 1 . 0 . 0 NP-020076

[get it](#)
[get it](#)
[get it](#)
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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 IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: NP-18 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
N3-16 0 . 0 . 0 *remarks - general:*
N3-17 2001-06-01 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 2001-11-09 0 . 3 . 0 N3-010462, N3-010427 [get it](#)
NP-14 2002-01-02 1 . 0 . 0 NP-010565 [get it](#)
N3-21 1 . 1 . 0
NP-15 2002-02-18 1 . 2 . 0 NP-020077 ex N3-21 [get it](#)
editorials 1 . 2 . 1
N3-23 1 . 3 . 1 N3-020441

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 -
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. ES 202

915-9.

TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian One

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. - ES

202 915-10.

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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>	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 Network Systems UK	
	<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.		

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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 Network Systems UK
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 Network Systems UK
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 Network Systems UK
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 2003-01-07 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 (Universal) Subscriber Identity Module (U)SIM Toolkit applications								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> TP-16			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version,</i>								
	TP-15 2002-03-19	0 . 0 . 2	TP-020031	get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin.			
	TP-15 2002-03-19	1 . 0 . 0	TP-020075	get it	<i>remarks - this release:</i>	TP-16: offered for approval as Rel-6, so scrap Rel-5.			
TS 31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> TP-16			<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version,</i>								
	TP-15 2002-03-19	0 . 1 . 0	TP-020032	get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin			
	TP-15 2002-03-19	1 . 0 . 0	TP-020076	get it	<i>remarks - this release:</i>	TP-16: offered for approval as Rel-6, so scrap Rel-5.			
TS 31.123	(Universal) Subscriber Interface Module ((U)SIM) toolkit interpreter test								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> BARNES, Nigel				MOTOROLA Ltd
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version,</i>								
	draft	0 . 3 . 0			<i>remarks - general:</i>	WI @ T3-01 0338, UID = 2518			
					<i>remarks - this release:</i>	.			
TS 31.131	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> TON, Wim				ASPECTS Software Ltd
	<i>freeze_meeting:</i> TP-16			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version,</i>								
	TP-14 2002-01-02	1 . 0 . 0	TP-010249	get it	<i>remarks - general:</i>	Test spec is 34.131.			
					<i>remarks - this release:</i>	TP-17: Clear that the spec is Rel-6 not Rel-5.			

Rel-5 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108	Telecommunication management; Subscriber and equipment trace								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	draft 2001-11-08	0 . 0 . 1	get it	<i>remarks - general:</i>	2002-04-29: source Christian Toche - will not be published. Replace with 32.411,				
	draft 2002-02-26	0 . 1 . 0	get it	<i>remarks - this release:</i>	SP-15: Partial service only. 32..42x and 52.008.				
<hr/>									
TS 32.112	Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	SP-15: stopped, no draft ever having been produced.				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</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 (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</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 (SuM) requirements								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ISLIP, John	Lucent Technologies Network Systems UK					
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	draft 2001-06-27	0 . 1 . 3	get it	<i>remarks - general:</i>					
	draft 2002-01-21	0 . 5 . 4	get it	<i>remarks - this release:</i>	SP-15: move to Rel-6.				
	draft 2002-01-28	0 . 5 . 5	get it						

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service			
Rel-5	<i>current version:</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			
	<i>history (event, available, version,</i>	G: U: yes	MCC: ZOICAS, Adrian	
			<i>remarks - general:</i> -> 32.112	
			<i>remarks - this release:</i> .	
<hr/>				
TS 32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC: 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 (IM) Integration Reference Point (IRP): Information service			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC: 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 (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC: 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 (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i> SP-17: moved to Rel-6.	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TR 32.801 Performance management

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* KORINEK, Frank MOTOROLA JAPAN LTD
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general: (Release 4/5 Building Block: OAM-PM)
remarks - this release: 2001-08-27: S5 Secretary: no document to be produced.

Rel-5 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 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 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

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Server WITHDRAWN specs Rel-5 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* none
freeze_meeting: SP-16
history (event, available, version,

SP-12		0	.	0	.	0	SP-010278		
SP-12	2001-07-05	0	.	1	.	0	SP-010384	get it	<i>remarks - general:</i> SP-20: Superseded by 41.101 Rel-5.
SP-13	2001-10-01	1	.	0	.	0	SP-010421	get it	<i>remarks - this release:</i> SP-20: Superseded by 41.101 Rel-5.
SP-15	2002-03-19	1	.	1	.	0	SP-020098	get it	
SP-15	2002-03-19	1	.	2	.	0	SP-020203	get it	
SP-16		2	.	0	.	0	SP-020271		
SP-16		2	.	1	.	0	SP-020398		
SP-16		2	.	2	.	0	SP-020410		
SP-16	2002-06-19	5	.	0	.	0		get it	
SP-17	2002-09-18	5	.	1	.	0		get it	
SP-18	2003-01-03	5	.	2	.	0		get it	
SP-19	2003-03-27	5	.	3	.	0		get it	
SP-20	2003-06-25	5	.	4	.	0	withdrawn -> 41.101	get it	

Rel-5 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,

SP-16	2002-06-24	5	.	0	.	0	SP-18: withdrawn.	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031. <i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
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TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,

									<i>remarks - general:</i> SP-16: withdrawn in favour of 22.032. <i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032.
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

Rel-5 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>history (event, available, version,</i> SP-16 2002-06-24 5 . 0 . 0 SP-18: withdrawn.	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
		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.			
<hr/>						
TS 43.035	Immediate Service Termination (IST); Stage 2					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
			<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035. <i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.			
<hr/>						
TR 43.900	Support for voice optimization for the IMS in the GERAN					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> GP-10	<i>WG (prime / other):</i> G1 /	<i>rapporteur:</i> GUARINO, Bernard	AT&T Wireless Services, Inc.		
	<i>history (event, available, version,</i> GP-06 2003-06-17 1 . 0 . 0 GP-011962	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> 2002-09-03: Transferred from G2 to G1.. GP-06: stopped. <i>remarks - this release:</i> 2003-01-14: WG Secretary reports that this doc is unlikely to be completed. GP-06: stopped.			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

Rel-5 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-15 *G:* yes *U:* *MCC:* JURISIC, Andrijana
history (event, available, version, TP-14 2002-01-17 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".
remarks - this release: TP-16: Rel-5 version withdrawn.

Rel-4

Rel-4 **21** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

SP-08	2000-06-30	1	.	0	.	0	
SP-10	2001-01-04	1	.	1	.	0	
SP-11	2001-04-11	4	.	0	.	0	
SP-12	2001-07-05	4	.	1	.	0	
SP-13	2001-10-01	4	.	2	.	0	
SP-14	2002-01-03	4	.	3	.	0	
SP-15	2002-03-27	4	.	4	.	0	
SP-16	2002-06-19	4	.	5	.	0	
SP-17	2002-09-18	4	.	6	.	0	
SP-18	2003-01-03	4	.	7	.	0	
SP-19	2003-03-27	4	.	8	.	0	
SP-20	2003-06-25	4	.	9	.	0	withdrawn -> 21.101

)

WG (*prime / other*): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* SP-20: Superseded by 21.101 Rel-4.
[get it](#) *remarks - this release:* SP-20: Superseded by 21.101 Rel-4.
[get it](#)
[get it](#)
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Rel-4 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (*prime / other*): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes U: yes *MCC:* CLAYTON, Michael

remarks - general: Transfer>TSG#4
remarks - this release: TSG#11: Becomes 42.043 for Rel-4 (!).

TS 22.112 USIM toolkit interpreter; Stage 1

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

TP-10	2001-01-11	1	.	0	.	0	
TP-11	2001-04-09	4	.	0	.	0	withdrawn TP-13

)

WG (*prime / other*): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
G: U: yes *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TP-13: Rel-4 withdrawn, since stage 2 not ready.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.227 Service requirements for the Open Service Access (OSA)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: *U:* yes *MCC:* CLAYTON, Michael

remarks - general: Clayton Apr-2001: spec not required (see 22.127)
remarks - this release: .

TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael

SP-07 2000-03-17 1 . 0 . 0 SP-000073
draft 2000-05-09 1 . 4 . 0
SP-08 2000-06-28 2 . 0 . 0 -> Rel-5.

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
[get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).
[get it](#)

Rel-4 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

NP-11 2001-04-04 4 . 0 . 0 SP-16: ->43.073 since applies to GERAN systems only.

[get it](#) *remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
G: *U:* yes *MCC:* YOON, Sang-Ui

SP-11 2002-06-18 4 . 0 . 0 withdrawn

[get it](#) *remarks - general:*
remarks - this release: Kall: Apr-2001:Superseded by 23.271 for Rel-4.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.207	End-to-end Quality of Service (QoS) concept and architecture								
Rel-4	<i>current version:</i> none			WG (<i>prime / other</i>):	S2 / -	<i>rapporteur:</i>	OYAMA, Johnson		Nippon Ericsson K.K.
	<i>freeze_meeting:</i> SP-12			G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version,</i>								
	SP-10 2001-01-31	1 . 0 . 0	SP-000594			get it	<i>remarks - general:</i>		
	draft 2001-02-01	1 . 1 . 0				get it	<i>remarks - this release:</i>	SP-12: becomes Rel-5	
	draft 2001-06-26	1 . 7 . 3	suspicious version number!			get it			
	SP-12 2001-06-26	2 . 0 . 0	S2-011123, SP-010337			get it			
TR 23.814	Separating RR and MM specific parts of the MS Classmark								
Rel-4	<i>current version:</i> none			WG (<i>prime / other</i>):	N1 / -	<i>rapporteur:</i>	YOKOTA, Fumihiko		Fujitsu Limited
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>								
	NP-11	4 . 0 . 0	doa. Stick at R99.				<i>remarks - general:</i>	New after TSG#5	
							<i>remarks - this release:</i>	Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.	
TR 23.821	Architecture Principles for Reelase 2000								
Rel-4	<i>current version:</i> none			WG (<i>prime / other</i>):	S2 / -	<i>rapporteur:</i>	LIND, Christer		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version,</i>								
	SP-08 2000-06-28	1 . 0 . 1				get it	<i>remarks - general:</i>	New after TSG#5. SP-20: stopped	
							<i>remarks - this release:</i>	SP-20: stopped	
TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID								
Rel-4	<i>current version:</i> none			WG (<i>prime / other</i>):	S2 / -	<i>rapporteur:</i>	KITADA, Yoshinori		NTT COMWARE Corporation
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version,</i>								
	SP-09	1 . 0 . 0					<i>remarks - general:</i>	SP-20: stopped	
	draft 2000-11-08	1 . 2 . 0				get it	<i>remarks - this release:</i>	SP-20: stopped	
	draft 2000-11-24	1 . 3 . 0				get it			

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.907	Quality of Service (QoS) concept				
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> VACANT,	
	<i>freeze_meeting:</i> SP-11		G: U: yes	MCC: YOON, Sang-Ui	
	<i>history (event, available, version,</i>				
	draft 1998-11-15	0 . 1 . 0	get it	<i>remarks - general:</i> SP-20: stopped	
	draft 1999-01-15	0 . 2 . 0	get it	<i>remarks - this release:</i> SP-20: stopped	
	draft 1999-04-15	0 . 3 . 0	get it		
	draft 1999-04-30	0 . 4 . 0	get it		
	draft 1999-05-15	0 . 5 . 0	get it		
	S2-05 1999-05-30	1 . 0 . 0	get it		
	draft 1999-06-30	1 . 1 . 0	get it		
	draft 1999-07-15	1 . 2 . 0	get it		

TR 23.913	UMTS Turbo-Charger				
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-11		G: U: yes	MCC: N, A	
	<i>history (event, available, version,</i>				
	N1-06 1999-08-20	0 . 0 . 1	get it	<i>remarks - general:</i> New after TSG#5	
	N1-07 1999-09-17	0 . 0 . 2	get it	<i>remarks - this release:</i> .	
	N1-08 1999-10-29	0 . 0 . 3	get it		
	revision 1999-11-15	0 . 1 . 0	get it		
	revision 1999-11-30	0 . 1 . 1	get it		
	NP-06 1999-12-17	1 . 0 . 0	get it		
	N1-09 1999-12-03	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		<i>remarks - general:</i> TSG#5: 1.0.0	
		abandoned July 2001		<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.	

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 23.925 UMTS Core network based ATM transport
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
WG (prime / other): S2 / - *rapporteur:* ROUZ, Adel FUJITSU Laboratories of Europe Limited
G: yes U: yes *MCC:* YOON, Sang-Ui
remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.
remarks - this release: SP-20: stopped SP-20: stopped

TR 23.972 Circuit switched multimedia telephony
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
G: U: yes *MCC:* Rouzbeh JORGENSEN, Per Johan
remarks - general: New after TSG#5. Minor title change TSG#7.
remarks - this release: Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

Rel-4 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004 Layer 1 - General Requirements
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
WG (prime / other): G2 / - *rapporteur:* THOMAS, Rémi France Telecom
G: yes U: *MCC:* THOMASEN, Gert
remarks - general: Apr-2001: Not required. See 44.004.
remarks - this release: Apr-2001: Not required. See 44.004.

TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.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.

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

TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: SP-11 One
history (event, available, version,
G: U: MCC: N, A
remarks - general:
remarks - this release: .

TR 24.946 reserved
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* VACANT,
freeze_meeting: SP-11 G: U: yes MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release:

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.107 UTRA Repeater; Conformance testing
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new
freeze_meeting: SP-11 One
history (event, available, version,
Start of work 2000-08-01 0 . 0 . 1 [get it](#) *remarks - general:* -> 25.143
remarks - this release: Scrapped in favour of 25.143

TS 25.371 LMU signalling
Rel-4 *current version:* none *WG (prime / other):* - / - *rapporteur:* MOULY, Michel ARGUIN Communications
freeze_meeting: SP-07 G: U: yes MCC: N, A
history (event, available, version,
remarks - general: Created Jan 00; wdrwn Apr00
remarks - this release: First draft: Jan2000

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

draft	2000-05-15	0	0	1		get it
R3-13	2000-06-15	0	1	0		get it
R3-13	2000-07-15	0	1	1		get it
RP-09	2000-08-15	0	2	0		get it
RP-10	2000-12-21	0	4	0	RP-000644	get it
RP-11	2001-04-06	1	0	0		get it
RP-12	2001-07-05	1	1	0	RP-010425	get it
RP-13	2001-10-01	1	4	0	RP-010642	get it
draft	2001-11-13	1	4	1	to Rel-5	get it
RP-14	2001-12-06	1	5	0	RP-010876	get it
draft	2002-01-02	1	5	1		get it
RP-15	2002-03-19	1	7	1	RP-020136, withdrawn	get it
RP-15	2002-03-19	2	0	0	RP-020137	get it

remarks - general:
remarks - this release: 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).

TR 25.938 Terminal power saving features

Rel-4 *current version:* none *WG (prime / other):* R3 / - *rapporteur:* CHOI, Sungho Samsung Electronics Ind. Co., Ltd.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version,

draft	2000-08-15	0	0	1		get it
draft	2000-10-05	0	1	0		get it
RP-10	2000-12-21	0	1	1	RP-000654	get it
RP-11	2001-04-06	2	0	0	R3-27: abandoned, confirmed RP-15.	get it

remarks - general: R3-27: abandoned.
remarks - this release: RP-15: Withdrawal confirmed.

TR 25.951 Base Station (BS) classification (FDD)

Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* TUOMO, GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

R4-13	2000-11-21	0	0	1	R4-000572	get it
RP-10	2000-12-21	1	0	0	RP-000598	get it
R4-16		1	0	1	R4-010257	
RP-13	2001-10-01	1	1	0	RP-010681	get it

remarks - general:
remarks - this release: 2002-01-24: Gutierrez: moved to Rel-5

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.952 Base Station classification (TDD)

Rel-4 *current version:* none
freeze_meeting:
history (event, available, version,
draft 2000-11-21 0 . 0 . 1
RP-10 2000-12-21 1 . 0 . 0
RP-11 2001-04-10 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](#)

TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

Rel-4 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general: This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the
remarks - this release: No technical contents, merely a pointer to the latest Release version. notion of this TR,

so stopped.

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 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 2000-06-23 0 . 0 . 0
SP-09 2000-10-18 0 . 0 . 9
draft 2000-10-24 0 . 0 . 10
SP-10 2000-12-21 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitron 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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10	2 . 0 . 0			SP-000750	<i>remarks - general:</i> SP-16: in "GERAN" set.
	SP-10 2000-12-21	4 . 0 . 0				<i>remarks - this release:</i> TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.
			get it			
<hr/>						
TS 26.235	Packet switched conversational multimedia applications; Default codecs					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi	Nokia Research Center		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	draft 2000-10-01	0 . 0 . 1				<i>remarks - general:</i>
	draft 2000-11-16	0 . 0 . 2				<i>remarks - this release:</i> SP-12: withdrawn from Rel-4, moved to Rel-5.
	SP-10 2000-12-21	1 . 0 . 0			NP-000567	
	SP-11 2001-04-10	4 . 0 . 0				
	SP-12	4 . 1 . 0			immediately withdrawn, becomes Rel-5	
			get it			
			get it			
			get it			
			get it			
<hr/>						
TR 26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> No work, will never appear as 4.0.0 (Usai, Mar 2001)
<hr/>						
TR 26.920	Architectural Model for the 3G Transcoders					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-03 1999-04-26	0 . 1 . 1				<i>remarks - general:</i> 2000-01-22: S4 TFO group discontinues work on this report.
			get it			<i>remarks - this release:</i> .

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 28 .- series
http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version: none* *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,

remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

Rel-4 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: *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 2000-11-08 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 2001-02-02 4 . 0 . 1 NP-19: Replaced by 30.902 v4.0.2. [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.
studies.

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 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
RP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:* RP-20: stopped
draft 2000-12-21 0 . 8 . 6 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5. RP-20: stopped
RP-04 1999-06-23 1 . 0 . 0 [get it](#)
RP-05 1999-10-13 1 . 4 . 0 [get it](#)
RP-06 1999-12-17 2 . 0 . 0 [get it](#)
RP-08 2000-06-23 2 . 2 . 0 [get it](#)

WG (*prime / other*): R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

TR 30.801 Overall Project Plan

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
draft 1999-07-30 0 . 1 . 0 [get it](#) *remarks - general:*
draft 1999-08-30 0 . 2 . 0 [get it](#) *remarks - this release:* TSG#11: Work stopped.
draft 1999-09-30 0 . 3 . 0 [get it](#)
SP-05 1999-10-13 1 . 0 . 0 [get it](#)
draft 1999-12-02 1 . 1 . 0 [get it](#)

WG (*prime / other*): S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
G: U: yes *MCC:* YOON, Sang-Ui

TR 30.802 Project plan on Bearer Services and QoS

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-05 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:*
SP-09 4 . 0 . 0 *remarks - this release:* 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.

WG (*prime / other*): S2 / - *rapporteur:* LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND
G: U: yes *MCC:* YOON, Sang-Ui

TR 30.804 Project plan on GSM/UMTS Interoperation and Mobility Management

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-05 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

WG (*prime / other*): S2 / - *rapporteur:* COURAU, François ALCATEL S.A.
G: U: yes *MCC:* YOON, Sang-Ui

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.806	Project plan on Location based services					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan		NOKIA 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-05 1999-10-13 1 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
TR 30.808	Project plan on Packet Architecture and Circuit Architecture					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich		SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	SP-05 1999-10-13 1 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
TR 30.810	Project plan on Security					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	SP-05 1999-10-24 1 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
TR 30.812	Project plan on Services and Service platforms					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SCHMERSEL, Rob		CELLPOINT SYSTEMS AB	
	<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-05 1999-10-13 1 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 31 .- series
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 2002-03-28 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains valid. [get it](#) *remarks - general:*
remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

WG (*prime / other*): T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
G: U: yes *MCC:* JURISIC, Andrijana

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 2001-03-28 4 . 0 . 0 withdrawn SP-12 [get it](#) *remarks - general:*
remarks - this release: SP-12: Split into several specs. 32.401, '402, '403.

WG (*prime / other*): S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
G: U: yes *MCC:* ZOICAS, Adrian

TS 32.105 3G charging and billing; Stage 2 description

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-06 1999-12-17 0 . 0 . 1 [get it](#) *remarks - general:*
SP-08 2000-06-23 0 . 0 . 2 [get it](#) *remarks - this release:* New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.
SP-09 2000-09-28 0 . 0 . 3 [get it](#)
draft 2000-10-10 0 . 0 . 4 SP-12: Rel-4 withdrawn. [get it](#)

WG (*prime / other*): S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.
G: U: yes *MCC:* ZOICAS, Adrian

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11 2001-03-28 4 . 0 . 0 SP-12: withdrawn. [get it](#) *remarks - general:* SP-08: split into eight parts
remarks - this release: SP-12: withdrawn. See 32.300.

WG (*prime / other*): S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
G: U: yes *MCC:* ZOICAS, Adrian

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service						
Rel-4	<i>current version:</i> none	WG (prime / other):	S5 / -	<i>rapporteur:</i>	TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	TSG#8: split into eight parts		
				<i>remarks - this release:</i>	SP-12: withdrawn.		
<hr/>							
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)						
Rel-4	<i>current version:</i> solution set	WG (prime / other):	none	S5	/-	<i>rapporteur:</i>	TSE, Edwin
	Ericsson Incorporated	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>freeze_meeting:</i> SP-12			<i>remarks - general:</i>	TSG#8: split into eight parts		
	<i>history (event, available, version,</i>			<i>remarks - this release:</i>	SP-12: withdrawn.		
<hr/>							
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)						
Rel-4	<i>current version:</i> none	WG (prime / other):	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>			<i>remarks - general:</i>	TSG#8: split into eight parts		
				<i>remarks - this release:</i>	SP-12: withdrawn.		
<hr/>							
TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP): Information model (including Network Resource Model NRM))						
Rel-4	<i>current version:</i> Network Resource Model NRM))	WG (prime / other):	none	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas
	Telefon AB LM Ericsson	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>freeze_meeting:</i> SP-12			<i>remarks - general:</i>	TSG#8: split into eight parts		
	<i>history (event, available, version,</i>			<i>remarks - this release:</i>	SP-12: withdrawn.		
<hr/>							
TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set						
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	WG (prime / other):	none	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf
	SIEMENS AG	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>freeze_meeting:</i> SP-12			<i>remarks - general:</i>	TSG#8: split into eight parts		
	<i>history (event, available, version,</i>			<i>remarks - this release:</i>	SP-12: withdrawn.		

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TS 32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-12 2001-06-18	2	.	0	.	0			
		get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.604.					
			<i>remarks - this release:</i>	.					
<hr/>									
TS 32.602-1	Telecommunication management; Configuration Management (CM); CMt: Bulk CM Integration Reference Point (IRP) requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-12 2001-06-18	2	.	0	.	0			
		get it	<i>remarks - general:</i>	SP-12: stopped. See 32.611.					
			<i>remarks - this release:</i>	.					
<hr/>									
TS 32.602-2	Telecommunication management; Configuration Management (CM); CMt: Bulk Configuration Management Integration Reference Point (IRP): Information service								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-12 2001-06-18	2	.	0	.	0			
		get it	<i>remarks - general:</i>	SP-12: stopped. See 32.612.					
			<i>remarks - this release:</i>	.					
<hr/>									
TS 32.602-3	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set								
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i> S5	<i>/ rapporteur:</i> BONNEAU, Frédéric					
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-12 2001-06-18	2	.	0	.	0			
		get it	<i>remarks - general:</i>	SP-12: stopped. See 32.613.					
			<i>remarks - this release:</i>	.					
<hr/>									
TS 32.602-4	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set								
Rel-4	<i>current version:</i> Protocol (CMIP) solution set	none	<i>WG (prime / other):</i> S5	<i>/ rapporteur:</i> POLLAKOWSKI, Olaf					
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-12 2001-06-18	2	.	0	.	0			
		get it	<i>remarks - general:</i>	SP-12: stopped. See 32.614.					
			<i>remarks - this release:</i>	.					

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TS 32.602-5	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition	Rel-4	current version: none freeze_meeting:	WG (prime / other): S5 / G: U: yes	rapporteur: N, A MCC: ZOICAS, Adrian	Indicate persons who left Company and wait for new One
	history (event, available, version, SP-12 2001-06-18 2 . 0 . 0			get it	remarks - general: SP-12: stopped. See 32.615. remarks - this release: .	
TS 32.620-1	Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements	Rel-4	current version: none freeze_meeting:	WG (prime / other): S5 / - G: yes U: yes	rapporteur: PIRT, Trevor MCC: ZOICAS, Adrian	MOTOROLA Ltd
	history (event, available, version, SP-12 2001-06-18 2 . 0 . 0			get it	remarks - general: Replaces 32.106 (pars).SP-12: stopped. See 32.621. remarks - this release: .	
TS 32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)	Rel-4	current version: none freeze_meeting:	WG (prime / other): S5 / - G: yes U: yes	rapporteur: TOVINGER, Thomas MCC: ZOICAS, Adrian	Telefon AB LM Ericsson
	history (event, available, version, SP-12 2001-06-18 2 . 0 . 0			get it	remarks - general: Replaces 32.106-5 (pars)SP-12: stopped. See 32.622. remarks - this release: .	
TS 32.620-3	Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): Common Object Request Broker	Rel-4	current version: Architecture (CORBA) solution set SIEMENS AG	WG (prime / other): S5 G: yes U: yes	rapporteur: / - MCC: ZOICAS, Adrian	POLLAKOWSKI, Olaf
	freeze_meeting: history (event, available, version, SP-12 2001-06-18 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) Common Management Information	Rel-4	current version: Protocol (CMIP) solution set Telefon AB LM Ericsson	WG (prime / other): S5 G: yes U: yes	rapporteur: / - MCC: ZOICAS, Adrian	TOVINGER, Thomas
	freeze_meeting: history (event, available, version, SP-12 2001-06-18 2 . 0 . 0			get it	remarks - general: Replaces 32.107 (pars) SP-12: stopped. See 32.624. remarks - this release: .	

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TS 32.621-1	Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18	2 . 0 . 0							
			get it	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.631.				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.621-2	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>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 2001-06-18	2 . 0 . 0							
			get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.621-3	Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): Common Object Request Broker								
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf				
	SIEMENS AG								
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18	2 . 0 . 0							
			get it	<i>remarks - general:</i>	Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.621-4	Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): Common Management Information Protocol								
Rel-4	<i>current version:</i> (CMIP) solution set	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> TOVINGER, Thomas				
	Telefon AB LM Ericsson								
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18	2 . 0 . 0							
			get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.634.				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.622-1	Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18	2 . 0 . 0							
			get it	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.641.				
				<i>remarks - this release:</i>	.				

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.622-2	Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.		<i>remarks - this release:</i> .
<hr/>									
TS 32.622-3	Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker								
Rel-4	<i>current version:</i> Architecture (CORBA) solution set	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	none				
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.		<i>remarks - this release:</i> .
<hr/>									
TS 32.622-4	Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): Common Management Information								
Rel-4	<i>current version:</i> Protocol (CMIP) solution set	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	none				
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.644.		<i>remarks - this release:</i> .
<hr/>									
TS 32.623-1	Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.651.		<i>remarks - this release:</i> .
<hr/>									
TS 32.623-2	Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i>	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.		<i>remarks - this release:</i> .

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TS 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker
Rel-4 *current version: Architecture (CORBA) solution set* none *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf
SIEMENS AG

freeze_meeting: G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,
SP-12 2001-06-18 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): Common Management Information
Rel-4 *current version: Protocol (CMIP) solution set* 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 2001-06-18 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.
remarks - this release: .

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security
Rel-4 *current version: none* *WG (prime / other):* S3 /- *rapporteur:* ESCOTT, Adrian 3
freeze_meeting: G: U: yes *MCC:* POPE, Maurice
history (event, available, version,
draft 0 . 3 . 5 *remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
remarks - this release: v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

TR 33.900 Guide to 3G security
Rel-4 *current version: none* *WG (prime / other):* S3 /- *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
freeze_meeting: SP-11 G: U: yes *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release:

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Server WITHDRAWN specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms
Rel-4 *current version:* none *WG (prime / other):* S3 / SAG *rapporteur:* VACANT,
freeze_meeting: SP-11 E
G: U: yes *MCC:* POPE, Maurice
history (event, available, version, draft) 2 . 0 . 0 only available as *remarks - general:* Source: ETSI SAGE.
http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf *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 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, SP-10 2000-12-03) 1 . 0 . 0 [get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.
remarks - this release: ->41.102

TS 41.102 GSM Release 4 specifications
Rel-4 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, SP-10 2001-01-04) 1 . 0 . 1 *remarks - general:* Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.
SP-11 2001-04-11 4 . 0 . 0 [get it](#) *remarks - this release:* SP-20: Superseded by 41.101 Rel-4.
SP-12 2001-07-05 4 . 1 . 0 [get it](#)
SP-13 2001-10-01 4 . 2 . 0 [get it](#)
SP-14 2002-01-03 4 . 3 . 0 [get it](#)
SP-15 2002-03-27 4 . 4 . 0 [get it](#)
SP-16 2002-06-19 4 . 5 . 0 [get it](#)
post SP-16 2002-06-25 4 . 5 . 1 [get it](#)
editorial
SP-17 2002-09-18 4 . 6 . 0 [get it](#)
SP-18 2003-01-03 4 . 7 . 0 [get it](#)
SP-19 2003-03-27 4 . 8 . 0 [get it](#)
SP-20 2003-06-25 4 . 9 . 0 [get it](#) withdrawn -> 41.101

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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	<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,</i> SP-11 2001-04-10 4 . 0 . 0 SP-18: withdrawn.	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice						
		get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031. <i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.						
TS 42.032	Immediate Service Termination (IST); Service description; Stage 1								
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,</i> SP-11 2001-04-10 4 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice						
		get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 22.032. <i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032.						
TS 42.048	Security mechanisms for the SIM Application Toolkit; Stage 1								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd					
	<i>history (event, available, version,</i> TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana						
		get it	<i>remarks - general:</i> TP-12: Becomes 22.048. <i>remarks - this release:</i> TP-12: Becomes 22.048.						
TS 42.053	Tandem Free Operation (TFO); Service description; Stage 1								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)					
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
			<i>remarks - general:</i> Scrapped - see 22.053, Rel-4 onwards. <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 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

Rel-4 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2							
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One				
	<i>history (event, available, version, SP-11 2001-04-10 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 2001-04-10 4 . 0 . 0</i>	G: yes U:	<i>MCC:</i> POPE, Maurice					
	SP-15 2002-03-26 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 2002-01-23 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 2001-04-09 4 . 0 . 0</i>	G: yes U:	<i>MCC:</i> JURISIC, Andrijana					
	TP-12 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.					

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

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 2001-04-11 4 . 0 . 0

[get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,

remarks - general: -> 28.062
remarks - this release: -> 28.062

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov

G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

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

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.

TS 50.056 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1

Rel-4 *current version: none* WG (prime / other): S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: SP-11 G: yes U: *MCC:* YOON, Sang-Ui
history (event, available, version, 4 . 0 . 0 not to be produced
SP-11

remarks - general: Apr 2001 - Sultan:no Rel-4 will exist
remarks - this release: Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.

TS 50.089 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

Rel-4 *current version: none* WG (prime / other): GP / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: SP-11 G: yes U: *MCC:* USAI, Paolino
history (event, available, version,

remarks - general:
remarks - this release: Usai Apr-2001: will never be produced.

G = required in systems with GERAN acces; U = required in systems with UMTS

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 2000-06-20 9 . 0 . 0*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
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 2000-06-20 9 . 0 . 0*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* CLAYTON, Michael[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0R00 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 2001-01-16 9 . 0 . 0*WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
GP
G: yes U: *MCC:* POPE, Maurice[get it](#) *remarks - general:*
remarks - this release:

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Server WITHDRAWN specs R00 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.51	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	draft 2000-05-30 0 . 0 . 1					
					<i>remarks - general:</i> -> 43.051	
					<i>remarks - this release:</i> .	
<hr/>						
TS 03.59	Location services (LCS) GERAN; Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	draft 2000-05-30 0 . 0 . 1					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> replaced by 43.059	
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-32 2000-06-20 9 . 0 . 0					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0	
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-30 2000-06-20 9 . 0 . 0					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> #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	1999-06-30	8	.	0	.	0
smg-30	1999-11-11	8	.	1	.	0
smg-30b	1999-12-06	8	.	2	.	0
smg-31	2000-02-16	8	.	3	.	0
smg-31b	2000-04-17	8	.	4	.	0
Fix graphics	2000-05-16	8	.	4	.	1
smg-32	2000-06-20	8	.	5	.	0
smg-32	2000-06-20	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](#)

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[get it](#)

[get it](#)

[get it](#)

R00 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.99 GERAN project plan and open issues

R00 *current version: none* WG (prime / other): - / rapporteur: MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: G: yes U: MCC: N, A

history (event, available, version,

draft (as 10.99)	2000-05-30	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): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
smg-32 2000-06-20 9 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
edito 2000-07-12 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): G3ne / S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
smg-32 2000-06-20 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: CALDENHOVEN, Juergen
history (event, available, version,
draft 2000-08-15 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 2000-09-21 0 . 1 . 0 RP-000642 [get it](#) *remarks - this release:* -> Rel-4

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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 1999-11-11 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:* POIRAUD, Patrick ALCATEL S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
Withdrawn 2000-11-16 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 1999-02-12 8 . 0 . 0 [get it](#) *remarks - general:*
smg-29 1999-06-25 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#6: ->3G
smg-30 2001-10-25 8 . 2 . 0 [get it](#)
ETSI publication 2001-10-30 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>			get it	<i>remarks - general:</i>		
	Upgrade to R99 2000-02-14 8 . 0 . 0			get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032 R99.		
	ETSI publication 2001-06-05 8 . 0 . 1						
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>			get it	<i>remarks - general:</i>		
	smg-28 1999-02-12 8 . 0 . 0			get it	<i>remarks - this release:</i>		
	smg-29 1999-06-25 8 . 1 . 0	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> Placeholder - 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> DEOL, Amar	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>		
	smg-30 1999-11-11 8 . 0 . 0	withdrawn. The text for 02.40 was			<i>remarks - this release:</i> R99 -> 22.101		
		moved to 22.001. refer to CR					
		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> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 8 . 0 . 0	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 1999-06-25 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
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 1999-02-12 8 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 1999-06-25 8 . 1 . 0	get it	<i>remarks - this release:</i> #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)			
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R99	<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 1999-06-25 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
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> IBIDUN, Kunle	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)			
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> IGNATIUS, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 1999-02-12 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 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.94 Follow Me Service description; Stage 1

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
smg-28 1 . 0 . 0
smg-30 1999-11-11 8 . 0 . 0 Withdrawn wef SP-21
GSM/UMTS spec, 22.094.

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* CLAYTON, Michael

remarks - general: 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common
remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or
common. 2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a
common GSM/UMTS spec, 22.094.

[get it](#)

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 2000-06-30 8 . 0 . 0

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* YOON, Sang-Ui

remarks - general: SMG3->SA2 @ TSG#7
remarks - this release: Never produced; make do with R98 version.

[get it](#)

TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 2000-06-30 8 . 0 . 0 SP-18: withdrawn
in 43.031. SP-18: in fact, in 23.031.

WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
One
G: yes U: *MCC:* POPE, Maurice

remarks - general: 2001-09-03: S3 secretary reports that this spec is not mature enough for official
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. publication. Work continues

[get it](#)

TS 03.35 Immediate Service Termination (IST); Stage 2

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 2000-06-30 8 . 0 . 0
SP-11 2001-04-04 8 . 1 . 0

WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
One
G: yes U: *MCC:* POPE, Maurice

remarks - general:
remarks - this release: SP-16: withdrawn in favour of 23.035 R99.

[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43 Support of Videotex
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,
frozen at v7 2000-11-20 8 . 0 . 0
(withdrawn) [get it](#) *remarks - general:*
remarks - this release: Frozen at v7

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R99 *current version:* 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,
Upgrade to R99 2000-06-30 8 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: Sticks at v7

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
R99 *current version:* 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,
Upgrade to R99 2000-06-30 8 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release:

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)
R99 *current version:* 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,
Upgrade to R99 2000-06-30 8 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: clamped at v7

TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2
R99 *current version:* none
freeze_meeting: SP-06
WG (prime / other): S2 / - *rapporteur:* ROBERTS, Martin Nortel
G: yes U: *MCC:* YOON, Sang-Ui
history (event, available, version,
Upgrade to R99 2000-05-01 8 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: Never produced; make do with R98 version.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, smg-31 2000-02-16 8 . 0 . 0 NP-15 withdrawn [get it](#) *remarks - general:*
remarks - this release: TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2
R99 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, smg-28 1999-02-12 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services
R99 *current version:* **Switching Centre (BSS - MSC) interface** none *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG *G: yes U:* *MCC:* BOSWARTHICK, David
freeze_meeting: SP-06
history (event, available, version, smg-29 1999-06-25 8 . 0 . 0 withdrawn [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 2000-04-27 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.94 Follow Me Service description; Stage 3

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
G: yes U: *MCC:* N, A

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

R99 **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
Changed from G2 to G1 at same time.
R99 will not be produced (source: Usai 2001-01-05)

R99 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
smg-29 1999-06-25 8 . 0 . 0 withdrawn -> 27.001

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* 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 1999-06-25 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 1999-06-25 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.08 GSM Application Programming Interface

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: SP-06 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
Creation of R99 2000-06-30 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)** none *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 1999-06-25 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.14	Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version,</i> WITHDRAWN 2000-05-29 8 . 0 . 0
	<i>WG (prime / other):</i> SPA / N4 <i>rapporteur:</i> SPORTON, Simon VODAFONE Group Plc <i>G:</i> yes <i>U:</i> <i>MCC:</i>
	get it <i>remarks - general:</i> EN 302 646 <i>remarks - this release:</i> May00: Possibly no need for an update.

TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version,</i> smg-29 1999-06-25 8 . 0 . 0
	<i>WG (prime / other):</i> N1 / - <i>rapporteur:</i> MILLS, Duncan VODAFONE Group Plc <i>G:</i> yes <i>U:</i> <i>MCC:</i> JORGENSEN, Per Johan
	get it <i>remarks - general:</i> <i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)

TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
R99	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> N1 / - <i>rapporteur:</i> ANDERSEN, Niels MOTOROLA A/S Peter Skov <i>G:</i> yes <i>U:</i> <i>MCC:</i> JORGENSEN, Per Johan
	<i>remarks - general:</i> <i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43	Support of Localised Service Area (SoLSA); Work Item Status
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06 <i>history (event, available, version,</i> draft 1998-04-17 1 . 2 . 0 empty! smg-28 1999-06-30 1 . 11 . 0
	<i>WG (prime / other):</i> S1 / - <i>rapporteur:</i> KOKKOLA, Tommi NOKIA Corporation <i>G:</i> yes <i>U:</i> <i>MCC:</i> CLAYTON, Michael
	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	WITHDRAWN 2000-03-14 8 . 0 . 0								
		get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references						
			<i>remarks - this release:</i> No R99 impact.						
<hr/>									
TR 10.76	Noise suppression for the AMR codec; Project scheduling and open issues								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino						
	draft 1999-08-15 0 . 0 . 8								
	draft 1999-10-15 1 . 0 . 0	2002-01-23: Usai indicates "stopped".	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".					
			get it	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".					
<hr/>									
TS 10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	draft 2000-03-14 0 . 0 . 3								
	draft 2000-04-08 0 . 0 . 4								
	draft 2000-04-19 0 . 0 . 5								
	draft 2000-08-04 0 . 0 . 6	2002-01-23: Usai indicates "stopped".	get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped".					
			get it	<i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".					
			get it						
			get it						
<hr/>									

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> G3ne / S1 / NP / T2 / SCP	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED					
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael						
	Upgrade to R99 2000-06-30 8 . 0 . 0								
		get it	<i>remarks - general:</i> 2001-11-19: G4->G5.						
			<i>remarks - this release:</i> proposed, but nya; flagged as withdrawn at SMG#32 to make life easier						
<hr/>									

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 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)
R99 *current version:* none *WG (prime / other):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
Upgraded to R99 2000-06-30 8 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: skipped straight to R00.

TS 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface
R99 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation
freeze_meeting: SP-06 G: yes U: MCC: JURISIC, Andrijana
history (event, available, version,
Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: Sanders Oct 2000: Effectively replaced by 31.101.

R99 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.010 reserved
R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* VACANT,
freeze_meeting: SP-06 G: U: yes MCC: POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: 3.0.0 dates from June 99

TS 21.100 3G specification handling procedures
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-06 G: U: yes MCC: N, A
history (event, available, version,
SP-08 2000-06-28 1 . 0 . 0 [get it](#) *remarks - general:* Knobbled prior to SA#8.
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.906 reserved
R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
First complete 1999-03-04 0 . 0 . 0
SP-03 3 . 0 . 0

WG (prime / other): - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: .

R99 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1
R99 *current version:* none
freeze_meeting: SP-05
history (event, available, version,
SP-05 1999-10-13 3 . 0 . 1
SP-08 2000-06-28 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1
R99 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-06 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes *U:* yes *MCC:* USAI, Paolino

remarks - general: Transfer>TSG#4.
remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.

TR 22.907 Terminal concepts
R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version,
Table of Contents 1997-10-19 0 . 0 . 2
and Scope
First complete 1997-12-19 1 . 0 . 0
WG approval 1998-02-15 2 . 0 . 0
smg-25 1998-03-20 3 . 0 . 0
SP-03 1999-04-22 3 . 1 . 2
SP-04 1999-06-23 3 . 1 . 3

WG (prime / other): - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* CR at TSG#4 Not maintained
remarks - this release: Withdrawn (Clayton 2000-02-11)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.972 Circuit-switched multimedia
R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
First complete 1999-04-23 0 . 0 . 0

WG (prime / other): - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Title grows "cct sw".
remarks - this release: Withdrawn (Clayton 2000-02-11)

R99 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010 GSM Public Land Mobile Network (PLMN) Connection Types
R99 *current version:* none
freeze_meeting: SP-08
history (event, available, version,
SP-03 1999-05-30 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* DETTNER, Harald SIEMENS AG
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* superseded by 23.910
remarks - this release: TSG#7:3.0.0 - later scrapped

TS 23.022 Functions related to Mobile Station (MS) in idle mode and group receive mode
R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
SP-03 1999-04-23 3 . 0 . 0
SP-04 1999-06-23 3 . 1 . 0

WG (prime / other): - / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Superseded by 23.122
[get it](#) *remarks - this release:* 3.1.0 dates from June 99

TS 23.043 Support of Videotex
R99 *current version:* none
freeze_meeting: SP-08
history (event, available, version,
SP-03 1999-05-30 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* DETTNER, Harald SIEMENS AG
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: 3.0.0 Apr 99 - later scrapped

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 23.044	Support of Teletex								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-08			G: U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 1999-05-30	3	.	0	.	0			
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> 3.0.0 Apr 99 - later scrapped				
<hr/>									
TS 23.045	Technical Realization of Facsimile Group 3 Service - transparent								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-08			G: U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 1999-04-23	3	.	0	.	0			
				get it	<i>remarks - general:</i> Version 8.x.x exists				
					<i>remarks - this release:</i> 3.0.0 Apr 99 - reverts to 03.45 v8.0.0				
<hr/>									
TS 23.046	Technical realisation of facsimile Group 3 service - non-transparent								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06			G: U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 1999-04-23	3	.	0	.	0			
				get it	<i>remarks - general:</i> superseded by 23.146				
					<i>remarks - this release:</i> 3.0.0 Apr 99				
<hr/>									
TS 23.054	Shared Interworking Functions (SIWF); Stage 2								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> ROSTÖ, Tommy	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-03			G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-03 1999-04-23	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			G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-03 1999-04-23	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.				

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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	G: yes U: yes	<i>MCC:</i> N, A		
<i>history (event, available, version,</i>	SP-03 1999-04-23 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		
TS 23.071	Location Services (LCS); Functional description; Stage 2				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
<i>history (event, available, version,</i>	SP-04 1999-05-30 3 . 0 . 0	get it	<i>remarks - general:</i> superseded by 25.305		
			<i>remarks - this release:</i> .		
TS 23.073	Support of Localised Service Area (SoLSA); Stage 2				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>	NP-05 1999-10-13 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.		
	edito 2000-06-06 3 . 0 . 1	get it	<i>remarks - this release:</i> SP-16: reverts to 03.73 since applies to GERAN systems only.		
TS 23.920	Evolution of the GSM platform towards UMTS				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-08	G: yes U: yes	<i>MCC:</i> N, A		
<i>history (event, available, version,</i>	Table of Contents 1997-10-17 0 . 0 . 3	get it	<i>remarks - general:</i>		
	and Scope		<i>remarks - this release:</i> Stopped TSG#6		
Transfer to SP SA	1999-03-04 0 . 6 . 1	get it			
SP-03	1999-04-23 1 . 0 . 0	get it			
WG approval	1999-04-01 1 . 0 . 0	get it			
First complete	1999-04-01 1 . 0 . 0	get it			
SP-04	1999-06-23 3 . 0 . 0	get it			
SP-05	1999-10-13 3 . 1 . 0	get it			

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http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.922	Architecture for an All IP network								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-06			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-05 1999-10-13	1	. 0	. 0	get it	<i>remarks - general:</i> TSG#5: 1.0.0			
						<i>remarks - this release:</i> Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.			
<hr/>									
TR 23.925	UMTS Core network based ATM transport								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited			
	<i>freeze_meeting:</i> SP-06			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	Table of Contents 1999-04-22	0	. 0	. 1	get it	<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.			
	and Scope					<i>remarks - this release:</i> SP-20: stopped SP-20: stopped			
	SP-03 1999-04-23	0	. 2	. 0	get it				
<hr/>									
TR 23.927	VHE, Open Service Architecture (OSA)								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-06			G: yes U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	First complete 1999-04-23	0	. 0	. 0	get it	<i>remarks - general:</i> Replaced by 23.127			
	SP-03 1999-04-23	0	. 1	. 0	get it	<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11).			withdrawn
<hr/>									
TR 23.960	Framework of network functions to support multimedia services								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GABE, Axel	SIEMENS AG			
	<i>freeze_meeting:</i> SP-06			G: yes U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version,</i>								
	SP-03 1999-04-23	0	. 1	. 0	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			

R99

24 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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Server WITHDRAWN specs R99 24 .- series
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	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> AL -BAKRI, Ban	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>						
	SP-05 1999-10-13 3 . 0 . 0						
		get it	<i>remarks - general:</i> Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12				
			<i>remarks - this release:</i> 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.				
<hr/>							
TS 24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-03 1999-04-23 3 . 0 . 0						
	NP-04 1999-05-27 3 . 1 . 0						
		get it	<i>remarks - general:</i> Scrapped: is GSM only				
		get it	<i>remarks - this release:</i> 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08				
			withdrawn; not required for 3G.				
<hr/>							
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>						
	NP-03 3 . 0 . 0						
	NP-04 3 . 1 . 0						
			<i>remarks - general:</i> GSM only for R99.				
			<i>remarks - this release:</i> GSM only for R99.				
<hr/>							
TS 24.069	Broadcast Call Control (BCC) protocol						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-03 3 . 0 . 0						
	NP-04 3 . 1 . 0						
			<i>remarks - general:</i> GSM only for R99.				
			<i>remarks - this release:</i> GSM only for R99.				
<hr/>							
TS 24.094	Follow Me; Stage 3						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG			
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> 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.				

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Server WITHDRAWN specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

R99 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.053 Tandem Free Operation (TFO); Service description; Stage 2

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes *U:* yes *MCC:* N, A

remarks - general: No draft. Anyway, should have been 23.053.
remarks - this release: no draft ever materialised

TS 25.103 RF parameters in support of RRM

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
G: yes *U:* yes *MCC:* N, A

remarks - general: Withdrawn in favour of 25.123 & 25.133
remarks - this release: Withdrawn

First complete 1999-03-04 0 . 0 . 0
NP-03 1999-04-23 0 . 1 . 0
NP-04 1999-06-23 1 . 0 . 0
NP-05 1999-10-13 2 . 0 . 0

[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 25.831 Study Items for future release

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

remarks - general:
remarks - this release: RP-19 (post R3-31): stopped.

RP-03 1999-04-23 0 . 0 . 0
RP-04 1999-06-23 0 . 0 . 2

[get it](#)
[get it](#)

TR 25.923 Stage 2 Functional Specification of Location Services in UTRAN

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur:* STEER, David G NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* N, A

remarks - general: superseded by 25.305
remarks - this release: .

draft 1999-04-30 1 . 0 . 0
draft 1999-09-01 1 . 2 . 0
draft 1999-09-30 1 . 4 . 0

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Server WITHDRAWN specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.926 UE Radio Access capabilities definition

R99 *current version:* none
freeze_meeting: SP-07
history (event, available, version,
RP-05 1999-10-13 0 . 0 . 0
R2-08 1999-11-30 0 . 1 . 0
R2-09 1999-12-17 1 . 0 . 0
RP-07 2000-03-15 3 . 0 . 0
RP-08 2000-06-23 3 . 1 . 0
RP-08 2000-10-06 3 . 2 . 0
RP-10 2000-12-15 3 . 3 . 0

WG (prime / other): R2 / - *rapporteur:* LUNDSJÖ, Johan Ericsson AB
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* ->25.306 Nov 00.
[get it](#) *remarks - this release:* Nov00->25.306 but first ->TSG#10:3.3.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 25.990 Vocabulary for UTRAN

R99 *current version:* none
freeze_meeting: SP-05
history (event, available, version,
RP-03 1999-04-23 0 . 0 . 2
RP-04 1999-06-23 0 . 1 . 4
RP-05 1999-10-13 3 . 0 . 0

WG (prime / other): R4 / - *rapporteur:* OKRAH, Peter Motorola Inc.
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* ->21.905
[get it](#) *remarks - this release:* 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.
[get it](#)

TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

R99 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general: This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the
remarks - this release: No technical contents, merely a pointer to the latest Release version. notion of this TR,

so stopped.

R99

26 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.075	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
	SP-03 1999-04-23 0 . 0 . 0	get it	<i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.		
	SP-06 1999-12-17 1 . 0 . 0	get it	<i>remarks - this release:</i> replaced by 26.975		
	SP-05 1999-10-13 1 . 0 . 0	get it			
	SP-04 1999-06-23 1 . 0 . 0	get it			
	Editorial 2000-06-23 1 . 2 . 0	get it			
<hr/>					
TS 26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-03 1999-04-26 1 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-04 1999-06-23 1 . 1 . 0	get it	<i>remarks - this release:</i> Contents ultimately transferred to 24.008.		
<hr/>					
TS 26.115	Echo control for speech and multi-media services				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	Creation of WI by 2000-02-02 0 . 0 . 1	get it	<i>remarks - general:</i>		
	WG/TB		<i>remarks - this release:</i> Feb00: 0.0.1 - Withdrawn in favour of 26.915; will be reinstated for Rel-4.		
<hr/>					
TS 26.121	Technical Specification for Tandem Free Operation within 3G networks				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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Server WITHDRAWN specs R99 26 .- series
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TS 26.133	Wide band speech telephony terminal acoustic characteristics				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>	G: U: yes	MCC: USAI, Paolino		
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.134	Wide band speech telephony terminal acoustic test specification				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>	G: U: yes	MCC: USAI, Paolino		
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i>	G: yes U: yes	MCC: USAI, Paolino		
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i>	G: U: yes	MCC: USAI, Paolino		
			<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>history (event, available, version,</i>	G: U: yes	MCC: USAI, Paolino		
			<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 26.138 Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony
R99 *current version: none* WG (prime / other): S4 / rapporteur: USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 G: U: yes MCC: USAI, Paolino
history (event, available, version,
SP-03 1999-04-23 0 . 0 . 0
SP-04 1999-06-23 0 . 0 . 1
) [get it](#) *remarks - general:* Stopped: Included in 26.131 & '132.
remarks - this release: .

TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G
R99 *current version: none* WG (prime / other): S4 / - rapporteur: HONKO, Harri NOKIA Corporation
freeze_meeting: SP-06 G: U: yes MCC: USAI, Paolino
history (event, available, version,
SP-03 1999-04-23 0 . 0 . 0
SP-04 1999-06-23 0 . 0 . 1
) [get it](#) *remarks - general:*
[get it](#) *remarks - this release:* No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.

R99 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3
R99 *current version: none* WG (prime / other): S4 / - rapporteur: SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-06 G: yes U: yes MCC: USAI, Paolino
history (event, available, version,
SP-05 1999-10-13 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): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-08 G: U: yes MCC: BOSWARTHICK, David
history (event, available, version,
SP-03 1999-04-23 3 . 0 . 0
) [get it](#) *remarks - general:* N3 indicates not required for R99, so revert to 09.04 R98.
remarks - this release:

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

TS 29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-08	G: U: yes	MCC:	BOSWARTHICK, David					
	<i>history (event, available, version,</i> SP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.05 R98.					
			<i>remarks - this release:</i>						
<hr/>									
TS 29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BRAUN, Achim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	MCC:	BOSWARTHICK, David					
	<i>history (event, available, version,</i> SP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.06 R98.					
			<i>remarks - this release:</i>	withdrawn NP-06					
<hr/>									
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.					
	<i>freeze_meeting:</i>	G: yes U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>		<i>remarks - general:</i>	RP-19: stopped.					
			<i>remarks - this release:</i>	.					

R99 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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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
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
G: U: yes *MCC:* CALDENHOVEN, Juergen

draft	1999-02-15	0 . 0 . 1	
draft	1999-03-15	0 . 0 . 2	
draft	1999-04-15	0 . 0 . 3	
RP-03	1999-04-23	0 . 1 . 0	
draft	1999-05-15	0 . 1 . 1	
RP-04	1999-06-23	0 . 1 . 2	
RP-05	1999-10-13	0 . 3 . 1	
draft	1999-10-30	0 . 3 . 2	
draft	1999-11-15	0 . 4 . 0	
draft	1999-11-30	0 . 4 . 1	
RP-06	1999-12-12	0 . 5 . 0	
draft	2000-01-15	0 . 5 . 1	
draft	2000-02-15	0 . 6 . 0	
draft	2000-02-20	0 . 6 . 1	
RP-07	2000-03-15	0 . 7 . 0	RP-000142
draft	2000-03-30	0 . 7 . 1	
RP-08	2000-06-23	0 . 8 . 0	
RP-09	2000-08-15	0 . 8 . 1	
RP-09	2000-10-03	0 . 8 . 2	
RP-10		0 . 8 . 5	RP-000688
draft	2000-12-21	0 . 8 . 6	
RP-11	2001-03-27	0 . 8 . 8	
RP-12	2001-07-05	0 . 9 . 0	RP-010388
RP-13	2001-10-01	0 . 9 . 2	RP-010604
draft	2001-11-23	0 . 9 . 3	R3-013076

[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

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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:* JURISIC, Andrijana
history (event, available, version,
TP-11 2001-04-05 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 2001-07-06 3 . 0 . 0 [get it](#)
TP-13 2001-10-12 3 . 1 . 0 [get it](#)
TP-15 2002-03-28 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:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-05 1999-10-13 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into eight parts
SP-06 1999-12-17 1 . 1 . 0 [get it](#) *remarks - this release:* SP-08: multipart split from parent 3.0.1
SP-07 2 . 0 . 0
SP-07 2000-03-17 3 . 0 . 0 [get it](#)
Editorial 2000-03-17 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 1999-10-13	1	.	0	.	0			
	SP-06 1999-12-17	1	.	1	.	0			
	SP-07 2000-03-17	3	.	0	.	0			
	Editorial 2000-03-17	3	.	0	.	1			
	SP-08: split into 2000-06-23	3	.	1	.	0			
	parts								
	Formatting 2000-07-18	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 2000-06-23	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 2001-01-16	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	<i>current version: Document 1: General</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc								
	<i>freeze_meeting:</i>	SP-10		G:	U: yes	MCC:			POPE, Maurice
	<i>history (event, available, version,</i>	SP-10	2001-05-09	3 . 0 . 0	SAGE only supplied PDF, so no real deliverable yet available - SP-000630	get it	<i>remarks - general:</i>	ex SAGE. 2002-06: clarified that deliverable is TS not TR.	
							<i>remarks - this release:</i>	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4	
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	<i>current version: Document 2: Algorithm specification</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc								
	<i>freeze_meeting:</i>	SP-10		G:	U: yes	MCC:			POPE, Maurice
	<i>history (event, available, version,</i>	SP-10	2001-05-09	3 . 0 . 0	SP-000673	get it	<i>remarks - general:</i>	ex SAGE	
							<i>remarks - this release:</i>	TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4	
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	<i>current version: Document 3: Implementors' test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc								
	<i>freeze_meeting:</i>	SP-10		G:	U: yes	MCC:			POPE, Maurice
	<i>history (event, available, version,</i>	SP-10	2001-05-09	3 . 0 . 0	SP-000630	get it	<i>remarks - general:</i>	ex SAGE	
							<i>remarks - this release:</i>	.TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4	
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	<i>current version: Document 4: Design conformance test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc								
	<i>freeze_meeting:</i>	SP-10		G:	U: yes	MCC:			POPE, Maurice
	<i>history (event, available, version,</i>	SP-10	2001-05-09	3 . 0 . 0	SP-000630	get it	<i>remarks - general:</i>	ex SAGE	
							<i>remarks - this release:</i>	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4	

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 /- *rappporteur:* 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):* SMG / *rappporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes *MCC:*
history (event, available, version, smg-03 1994-11-18 3 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-05-21 3 . 1 . 0 [get it](#) *remarks - this release:* .
smg-19 1996-09-04 3 . 2 . 0 [get it](#)

TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes
UMTS *current version:* none *WG (prime / other):* SMG / *rappporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes *MCC:*
history (event, available, version, smg-05 3 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.01U Universal Mobile Telecommunications System (UMTS); Objectives and overview
UMTS *current version: none* *freeze_meeting:* WG (prime / other): SP / - *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, ETSI publication) 3 . 0 . 0 G: U: yes MCC: POPE, Maurice
remarks - general:
remarks - this release: .

TR 01.03U Universal Mobile Telecommunications System (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) 1996-05-15 3 . 1 . 0 withdrawn [get it](#) *remarks - general:* ETSI ETR 291 withdrawn.
remarks - this release: ETSI ETR 291, withdrawn.

TR 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)
UMTS *current version: none* *freeze_meeting:* WG (prime / other): - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, smg-19 1996-09-28) 3 . 0 . 0 G: yes U: MCC: N, A
[get it](#) *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) 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

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01U Framework for services to be supported by UMTS
UMTS *current version: none* WG (prime / other): - / rapporteur: N, A Indicate persons who left Company and wait for new
freeze_meeting: G: yes U: MCC: N, A One
history (event, available, version,
Suspended 1996-04-10 3 . 0 . 0 [get it](#) *remarks - general:*
animation *remarks - this release: .*

UMTS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System
UMTS *current version: none* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes MCC: POPE, Maurice One
history (event, available, version,
Suspend work 1996-10-10 2 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

UMTS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.01U Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS
UMTS *current version: none* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes MCC: POPE, Maurice One
history (event, available, version,
draft 1997-10-10 2 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

UMTS 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.01U Universal Mobile Telecommunications System (UMTS); Quality requirements for speech and associated channel coding for the UMTS
UMTS *current version: none* *WG (prime / other): SP / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: yes MCC: POPE, Maurice* One
history (event, available, version, draft 1996-10-10 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 06.02U Universal Mobile Telecommunications System (UMTS); Quality requirements and selection procedure for the support of voice- band data coding for the UMTS
UMTS *current version: none* *WG (prime / other): SP / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: yes MCC: POPE, Maurice* One
history (event, available, version, draft 0 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TR 07.01U Universal Mobile Telecommunications System (UMTS); Integration of audio/visual source coding into UMTS
UMTS *current version: none* *WG (prime / other): SP / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: yes MCC: POPE, Maurice* One
history (event, available, version, *remarks - general:*
remarks - this release: .

UMTS **12** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TT 12.01U Framework for satellite integration with the UMTS
 UMTS *current version: none*
freeze_meeting:

history (event, available, version,
 Waiting - see 1995-10-12 3 . 0 . 0
 "secretariat
 comments"

WG (prime / other): S5 / *rapporteur:* N, A
G: *U:* yes *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
remarks - this release: .

Indicate persons who left Company and wait for new One

TR 12.02U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS
 UMTS *current version: none*
freeze_meeting:

history (event, available, version,
 Waiting - see 1996-10-10 3 . 0 . 0
 "secretariat
 comments"

WG (prime / other): S5 / *rapporteur:* N, A
G: *U:* yes *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **21** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept
 UMTS *current version: none*
freeze_meeting:

history (event, available, version,
 smg-22 1997-06-13 3 . 0 . 0
 ETSI publication 1998-11-03 3 . 0 . 1

WG (prime / other): GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
 Peter Skov
G: *U:* *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 21.04U Requirements for the support of data services in UMTS
 UMTS *current version: none*
freeze_meeting:
history (event, available, version,
 draft 2000-01-17 1 . 0 . 0

WG (prime / other): - / - *rapporteur:* HOLLEY, Kevin mm02 plc
G: *U:* *MCC:* N, A
[get it](#) *remarks - general:*
remarks - this release: #26: 0.0.2 or perhaps as 1.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.06U O&M requirements for the UMTS

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* WEICHELBAUM, Steffen
G: U: *MCC:* N, A
Vodafone D2 GmbH

history (event, available, version,

First complete	1997-10-19	1	.	0	.	0
Milestone 1	1997-12-19	1	.	1	.	2
WG approval	1997-02-17	2	.	0	.	0
smg-25	1998-03-20	3	.	0	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

UMTS 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.00U UMTS Phase 1

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* VERRIER, David
G: U: *MCC:* N, A
Indicate persons who left Company and wait for new One

history (event, available, version,

smg-27		1	.	0	.	0
draft	1998-11-24	1	.	3	.	0

[get it](#) *remarks - general:*
remarks - this release:

TS 22.01U Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* DWYER, Paul
G: U: *MCC:* N, A
NORTEL NETWORKS (EUROPE)

history (event, available, version,

smg-21		3	.	0	.	0
smg-22		3	.	1	.	0
smg-24		3	.	2	.	1
smg-27	1998-10-17	3	.	3	.	0

remarks - general:
remarks - this release:
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.05U	Services and service capabilities				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA, Emmanuel	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	MCC: N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-25 3 . 0 . 0			<i>remarks - this release:</i>	
	smg-26 1998-07-01 3 . 1 . 0			get it	
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>		G: yes U:	MCC: 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			get it	
	edito 1998-10-29 3 . 1 . 1				
TS 22.21U	Virtual Home Environment				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i>		G: U:	MCC: N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
TS 22.24U	Charging and Accounting Mechanism				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CHAMBERS, David	MOTOROLA Ltd
	<i>freeze_meeting:</i>		G: U:	MCC: N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-25 1998-05-28 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0	
				get it	
TS 22.25U	Quality of Service (QoS) and network performance				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> TIAINEN, Seppo	TeliaSonera AB
	<i>freeze_meeting:</i>		G: U:	MCC: N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-25 1998-05-28 3 . 1 . 0			<i>remarks - this release:</i> #25: 3.1.0	
				get it	

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 22.29U	Handover Requirements between UMTS and GSM or other RadioSystems					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> COOPER, David		Telecom Modus Limited	
	<i>freeze_meeting:</i>	<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 22.30U	Service requirements on security					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	<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 22.35U	Service requirements on numbering, addressing and identities					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	<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 22.40U	Charging, billing and accounting principles					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	<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 22.45U	Human Factors,service principles and their application to UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	<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> .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.05U	UMTS Network principles	UMTS current version: none freeze_meeting: history (event, available, version,	WG (prime / other): - / - G: U: M: C: N, A	rapporteur: 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 1999-02-24 3 . 0 . 0	WG (prime / other): - / - G: U: M: C: N, A	rapporteur: LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND MCC: N, A	get it remarks - general: remarks - this release: #27: for info
TS 23.20U	Evolution of the GSM platform towards UMTS	UMTS current version: none freeze_meeting: history (event, available, version, smg-27 1 . 0 . 0	WG (prime / other): S2 / - G: U: M: C: N, A	rapporteur: JARVIS, Andre MCC: YOON, Sang-Ui	3 remarks - general: remarks - this release: #27: for info
TS 23.40U	UMTS Network Aspects; Relationship with UPT	UMTS current version: none freeze_meeting: history (event, available, version,	WG (prime / other): - / G: U: M: C: N, A	rapporteur: N, A MCC: N, A	Indicate persons who left Company and wait for new One remarks - general: remarks - this release: .
TS 23.50U	UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment	UMTS current version: none freeze_meeting: history (event, available, version,	WG (prime / other): - / G: U: M: C: N, A	rapporteur: N, A MCC: N, A	Indicate persons who left Company and wait for new One remarks - general: remarks - this release: .

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.60U	UMTS Network Aspects; UMTS data organization					
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: .		
TS 23.70U	UMTS Network Aspects; UMTS operations and procedures					
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: .		
TS 23.80U	UMTS Network Aspects; Signalling requirements for 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: .		
TS 23.90U	UMTS Network Aspects; Network performance requirements					
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: .		
TS 23.95U	UMTS Network Aspects; Network functions relevant to satellites					
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, draft 0 . 0 . 0	G: U:	MCC: N, A			
				remarks - general: remarks - this release: .		

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

UMTS 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.05U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems
UMTS *current version: none* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: MCC: N, A* One
history (event, available, version,
remarks - general:
remarks - this release: .

UMTS 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.05U UMTS Radio Aspects; Multiplexing and multiple access
UMTS *current version: none* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: MCC: N, A* One
history (event, available, version,
remarks - general:
remarks - this release: .

TS 25.10U UMTS Radio Aspects; Channel coding
UMTS *current version: none* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: MCC: N, A* One
history (event, available, version,
remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.15U UMTS Radio Aspects; Modulation
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 25.20U UMTS Radio Aspects; Transmission and reception
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: yes MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.00U Principles for handling of data services in the UMTS

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
First complete 1996-05-01 1 . 2 . 1

WG (prime / other): S5 / - *rapporteur:* GABE, Axel SIEMENS AG
G: *U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
remarks - this release: .

UMTS 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.00U SMG - UMTS Work programme

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-21 3 . 0 . 0
smg-22 3 . 1 . 0
smg-23 3 . 2 . 0
smg-24 3 . 3 . 0
smg-25 3 . 4 . 0
smg-26 1998-07-07 3 . 5 . 0
smg-27 3 . 6 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1

[get it](#)

TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-22 3 . 0 . 0
smg-23 3 . 1 . 0
smg-24 3 . 2 . 0
smg-25 1998-07-07 3 . 3 . 0
smg-26 3 . 4 . 0
post smg-27 2002-08-08 3 . 5 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1

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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 30.02U 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: Peter Skov
history (event, available, version, USAI, Paolino
First complete 1997-06-01 1 . 0 . 0 [get it](#) *remarks - general:*
smg-22 1997-06-14 3 . 0 . 0 [get it](#) *remarks - this release: #22: 3.0.0*
ETSI publication 1998-11-03 3 . 0 . 1 [get it](#)

TR 30.05U UMTS terminology

UMTS *current version: none* *WG (prime / other): - / -* *rapporteur:*
freeze_meeting: G: U: MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

UMTS *current version: none* *WG (prime / other): - / -* *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: MCC: N, A
history (event, available, version,
Creation of WI by 1997-06-13 2 . 0 . 0 [get it](#) *remarks - general:*
WG/TB [get it](#) *remarks - this release: #24: 3.1.0*
TB approval 1997-08-30 3 . 0 . 0 [get it](#)
smg-24 1997-12-19 3 . 1 . 0 [get it](#)

UMTS **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.50U **Essential requirements for UMTS Mobile Stations (ME) operating within frequency bands 1885-1980, 2010-2025 and 2110-2200 MHz**
UMTS *current version: none* *WG (prime / other): / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: yes MCC:* One
history (event, available, version, draft 0 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 31.60U **Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz**
UMTS *current version: none* *WG (prime / other): / rapporteur: N, A* Indicate persons who left Company and wait for new
freeze_meeting: *G: U: yes MCC:* One
history (event, available, version, draft 0 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TR 32.01U **Overall principles of the OAM for the UMTS**
UMTS *current version: none* *WG (prime / other): SMG / - rapporteur: SZELAZEK, Bill 3*
freeze_meeting: *G: U: yes MCC: SULTAN, Alain*
history (event, available, version, smg-22 1 . 0 . 0 *remarks - general:*
remarks - this release: No progress since SMG#22.

UMTS **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

G = required in systems with GERAN 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

TR 33.20U Security principles for the UMTS

UMTS *current version: none*
freeze_meeting:
history (event, available, version,
smg-19 1997-06-13 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: U: MCC: N, A

[get it](#) *remarks - general:*
remarks - this release: #19: 3.0.0

TS 33.21U Security requirements

UMTS *current version: none*
freeze_meeting:
history (event, available, version,
draft 1998-07-16 0 . 1 . 0
draft 1998-07-22 0 . 1 . 1
draft 1998-07-31 0 . 1 . 2
smg-27 1998-07-31 1 . 0 . 0
draft 1998-10-05 1 . 0 . 1
draft 1998-10-19 1 . 0 . 2
draft 1998-10-31 1 . 0 . 3
draft 1998-11-20 1 . 0 . 4
draft 1999-02-27 1 . 1 . 0
smg-28 1999-02-27 2 . 0 . 0
smg-28 3 . 0 . 0
smg-27 1999-02-21 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: U: MCC: N, A

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #27: for info*
[get it](#)
[get it](#)
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[get it](#)

UMTS 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.01U Application integration and application programming interfaces

UMTS *current version: none*
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 0

WG (prime / other): SP / *rapporteur:* N, A
G: U: yes MCC: POPE, Maurice

Indicate persons who left Company and wait for new One

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

UMTS 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.10U UMTS Terminal aspects;Man Machine Interface (MMI)

UMTS *current version:* none
freeze_meeting:

WG (prime / other): SP / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: *U:* yes *MCC:* POPE, Maurice

history (event, available, version, draft) 0 . 0 . 0

remarks - general:
remarks - this release: .

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R98 *current version:* none
freeze_meeting: smg-29

WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar

Deutsche Telekom AG

G: yes *U:* *MCC:* POPE, Maurice

history (event, available, version, draft)
smg-27 1998-10-16 0 . 1 . 0
smg-28 1999-02-12 7 . 0 . 0
smg-29 1999-06-25 7 . 1 . 0
smg-30 1999-11-11 7 . 2 . 0

SP-15: withdrawn since SMG and PT-SMG no longer exist.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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Server WITHDRAWN specs R98 02 .- series
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
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

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 2000-10-04 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian
G: yes U: MCC: RODERMUND, Friedhelm

Research In Motion Limited

[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,
G: yes U: MCC: N, A

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 *current version:* 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 1997-03-14 0 . 0 . 0 [get it](#) *remarks - general:* replaced by 08.62
draft 1998-02-16 1 . 0 . 0 [get it](#) *remarks - this release:* #25: 1.0.0 for info #27: 1.6.0 for info
draft 1998-03-27 1 . 1 . 0 [get it](#)
draft 1998-07-13 1 . 2 . 1 [get it](#)
draft 1998-07-31 1 . 3 . 0 [get it](#)
draft 1998-09-17 1 . 3 . 5 [get it](#)
draft 1998-09-18 1 . 4 . 0 [get it](#)
draft 1998-09-28 1 . 5 . 0 [get it](#)
draft 1998-10-05 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 1998-06-26 7 . 0 . 0 withdrawn SP-09 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: TSG#9:withdrawn cos contains misleading information/references

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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	1999-01-17	0	.	0	.	0
Maui	1999-01-20	0	.	0	.	1
Chicago	1999-01-31	0	.	0	.	2
Chicago	1999-02-04	1	.	0	.	0
Cambridge	1999-06-10	2	.	0	.	0
Dallas	1999-07-09	2	.	0	.	1
San Diego	1999-07-21	2	.	0	.	2
Dallas	1999-09-03	2	.	0	.	3
King of Prussia	1999-09-14	2	.	0	.	4
Phoenix &	1999-10-30	2	.	0	.	5
Clearwater						
Raleigh	1999-11-03	2	.	0	.	6
smg-30	1999-11-11	2	.	0	.	6
Phoenix	1999-11-29	2	.	0	.	7
smg-30b	1999-12-06	2	.	0	.	7
Colorado Spring	2000-01-03	2	.	0	.	8
Dallas	2000-01-05	2	.	0	.	9
smg-31	2001-01-24	2	.	1	.	0
Puerto Vallarta	2000-01-26	3	.	0	.	0
smg-29	1999-06-25	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 1997-02-08 0 . 0 . 0
draft 1997-03-24 0 . 1 . 0
draft 1997-03-27 0 . 1 . 1
draft 1997-04-09 0 . 1 . 2
draft 1997-05-07 0 . 2 . 0
smg-22 1997-06-10 1 . 0 . 0
draft 1997-06-19 1 . 1 . 0
draft 1997-07-09 1 . 2 . 0
draft 1997-09-10 1 . 3 . 0
smg-23 1997-10-10 1 . 3 . 2
draft 1997-10-22 1 . 4 . 0
draft 1997-12-02 1 . 5 . 0
draft 1998-06-04 1 . 6 . 0
smg-25 1998-03-10 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](#)
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[get it](#)
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[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

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Server WITHDRAWN specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
R98 *current version:* none *freeze_meeting:* smg-29
WG (prime / other): G3ne / S1 / NP / T2 / SCP
rapporteur: SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R98 *current version:* none *freeze_meeting:* smg-29
WG (prime / other): G3ne / S1 / NP / T2 / SCP
rapporteur: SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: CLAYTON, Michael
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).

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG
R97 *current version:* none *freeze_meeting:* smg-26
WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
G: yes U: MCC: POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: No spec this Release.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
R97 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version,
remarks - general:
remarks - this release: No spec this version.

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1
R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version,
remarks - general:
remarks - this release: No spec this Release

TS 02.33 Lawful Interception (LI); Stage 1
R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: (No spec this Release)

TS 02.38 SIM application toolkit (SAT); Stage 1
R97 *current version:* none *WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97 *current version:* none *WG (prime / other):* N4 / SPA *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-26 N / T2

G: yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, smg-27 1998-10-16 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 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, smg-27 1998-10-16 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 *WG (prime / other):* - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* N, A

history (event, available, version, draft 1998-03-20 0 . 7 . 1

[get it](#) *remarks - general:* Withdrawn since details included in the stage 3 spec.
remarks - this release: .

TS 03.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2

R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* BAUMANN, Jürgen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* N, A

history (event, available, version,

remarks - general:
remarks - this release: .

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.61 General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3
R97 *current version: none* WG (prime / other): - / rapporteur: LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 G: yes U: MCC: N, A
history (event, available, version,
Table of Contents 1996-11-14 0 . 2 . 0
and Scope [get it](#) *remarks - general:*
remarks - this release: .

TS 04.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3
R97 *current version: none* WG (prime / other): - / rapporteur: LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 G: yes U: MCC: N, A
history (event, available, version,
Table of Contents 1996-11-14 0 . 2 . 0
and Scope [get it](#) *remarks - general:*
remarks - this release: .

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.21 DCS 1800; 4 Watt Mobile Power Class - study
R97 *current version: none* WG (prime / other): - / rapporteur: TWINGLER, Jonas Northstream AB
freeze_meeting: smg-26 G: yes U: MCC: N, A
history (event, available, version,
First complete 1996-07-15 1 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.64 GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3
R97 *current version: 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 1996-07-15 1 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R97 *current version:* 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 1998-10-16 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 1997-10-23 0 . 0 . 2 [get it](#) *remarks - general:* 2001-11-20: stopped - obviously no interest!
remarks - this release: .

TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS

R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* HEATON, Graham Aether Systems Inc.
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version,
smg-25 1998-03-20 1 . 0 . 0 [get it](#) *remarks - general:* Scrapped.
remarks - this release: #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20 Lawful Interception requirements for GSM

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,
smg-27 1998-10-16 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): G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects
R97 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
GP-09 2002-05-06 6 . 0 . 0 not produced post smg-27; withdrawn [get it](#) *remarks - general:*
GP-12 6 . 1 . 0 CRs unimplementable; spec is *remarks - this release:* #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.

TS 11.56 CTS phase 1, CTS Fixed Part Tests
R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* MATTISSON, Leif Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* MCC: N, A
history (event, available, version,
remarks - general:
remarks - this release: .

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R97 *current version:* none *WG (prime / other):* S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-26 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 *WG (prime / other):* S5 / S1 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-26 NP
G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: No spec

G = required in systems with GERAN acces; U = required in systems with UMTS

R96

R96 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 R96 Working Procedures for SMG and PT SMG current version: none freeze_meeting: smg-22 history (event, available, version, smg-17 1996-02-02 5 . 0 . 0 smg-19 1996-06-28 5 . 1 . 0 smg-25 1998-03-20 5 . 2 . 0	WG (prime / other): SP / - G: yes U: rapporteur: BERGMANN, Ansgar MCC: POPE, Maurice Deutsche Telekom AG SP-15: withdrawn since SMG and PT-SMG no longer exist.	get it remarks - general: get it remarks - this release: get it
TR 01.31 R96 Fraud Information Gathering System (FIGS); Service requirements; Stage 0 current version: none freeze_meeting: smg-22 history (event, available, version, smg-23 1997-10-17 5 . 0 . 0	WG (prime / other): S3 / - G: yes U: rapporteur: WRIGHT, Tim MCC: POPE, Maurice Indicate persons who left Company and wait for new One withdrawn, smg-25	get it remarks - general: remarks - this release: #25: withdrawn
TR 01.50 R96 Radio Local Loop (RLL) using GSM current version: none freeze_meeting: smg-22 history (event, available, version, draft 1995-11-07 1 . 0 . 0	WG (prime / other): SMG / G: yes U: rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael EMCOM Ltd	get it remarks - general: remarks - this release: .
TR 01.51 R96 Dual mode of operation and roaming current version: none freeze_meeting: SP-11 history (event, available, version,	WG (prime / other): SMG / - G: yes U: rapporteur: VACANT, MCC: CLAYTON, Michael	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 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
R96 *current version: none* WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: smg-22 G: yes U: MCC: POPE, Maurice
history (event, available, version, 5 . 0 . 0 SMG-25 withdrawn *remarks - general:*
remarks - this release: #25: withdrawn

TS 01.78 Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0
R96 *current version: none* WG (prime / other): - / - *rapporteur:*
freeze_meeting: smg-22 G: yes U: MCC: N, A
history (event, available, version, *remarks - general:*
remarks - this release: .

R96 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.18 Interworking with non-GSM applications on the SIM to be accessed via the GSM network
R96 *current version: none* WG (prime / other): - / *rapporteur:* SCHMIDT, Günter DETEMOBIL GMBH
freeze_meeting: smg-22 G: yes U: MCC: N, A
history (event, available, version, *remarks - general:*
remarks - this release: .

TS 02.25 GSM - DCS roaming: Requirements and Stage 1 descriptions
R96 *current version: none* WG (prime / other): - / *rapporteur:* LE ROUX, Alain France Telecom
freeze_meeting: smg-22 G: yes U: MCC: N, A
history (event, available, version, *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 02.26	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: .
TS 02.29	Inter operation with UPT phase 2				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: MCC: N, A		remarks - general: remarks - this release: .
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R96	current version: none freeze_meeting: smg-22 history (event, available, version, draft 1997-05-13 1 . 0 . 0 draft 1997-10-01 2 . 0 . 0 smg-23 1997-10-17 5 . 0 . 0 withdrawn	WG (prime / other): S3 / G: yes U:	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One	remarks - general: remarks - this release: #26: withdrawn get it get it get it

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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	<i>G: yes U:</i>	<i>MCC:</i> 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 1996-10-11 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	<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 02.36	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	<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 02.37	ISDN based DECT/GSM Interworking				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 02.38	SIM application toolkit (SAT); Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-29 1 . 0 . 0		<i>remarks - general:</i> Moved from T3 Jan-00.		
			<i>remarks - this release:</i>		

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TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>			<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-23 5 . 0 . 0			<i>remarks - this release:</i>	
	smg-24 5 . 1 . 0	withdrawn SMG-25			
<hr/>					
TS 02.60	General Packet Radio Service Stage 1 Description				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-21 1997-02-14 5 . 0 . 0	get it		<i>remarks - this release:</i> #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn	
	smg-23 1997-10-17 5 . 1 . 0	get it			
	smg-24 1997-12-19 5 . 2 . 0	get it			
<hr/>					
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-24 1997-12-19 5 . 0 . 0	get it		<i>remarks - this release:</i> #24: 5.0.0 @25: withdrawn	
<hr/>					
TS 02.72	Call Deflection Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-19 1996-06-28 5 . 0 . 0	get it		<i>remarks - this release:</i> #19: 5.0.0 #25: withdrawn	
<hr/>					
TS 02.73	Malicious Call Identification (MCID); Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.77	Emergency call TS12 with additional data transfer					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A			
	<i>history (event, available, version,</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> ACHTER, Johannes	T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-18 1996-04-12 5 . 0 . 0	get it			<i>remarks - general:</i>	
	smg-20 1996-10-11 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 1997-02-14 5 . 2 . 0	get it				
	edito 1996-01-19 5 . 2 . 1	get it				
	smg-23 1997-10-17 5 . 3 . 0	get it				
<hr/>						
TS 02.92	Call Forward Enhancements (CFE) - Stage 1 description					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RENAUD, Nicolas	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: N, A			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
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	G: yes U:	MCC: 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					

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.96 Name Identification Supplementary Services; Stage 1

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-24 5 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* CLAYTON, Michael

remarks - general:
remarks - this release: #24: 5.0.0 #25: withdrawn

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-19 1996-06-28 5 . 0 . 0
smg-22 1997-06-13 5 . 1 . 0
ETSI publication 1997-09-15 5 . 1 . 1
smg-23 1997-10-17 5 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn
[get it](#)
[get it](#)

TS 02.98 New barring services; Stage 1

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* SCHMIDT, Günter DETEMOBIL GMBH
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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 ORANGE PCS LTD
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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Server WITHDRAWN specs R96 03 .- series
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 1996-10-11 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			
	history (event, available, version, Table of Contents 1996-09-01 0 . 4 . 0 and Scope	G: yes	U:	MCC: N, A				
				get it	remarks - general: remarks - this release: .			
TS 03.36	Premium rate services - stage 2							
R96	current version: none freeze_meeting: smg-22	WG (prime / other): -	/	rapporteur:				
	history (event, available, version,	G: yes	U:	MCC: N, A				
					remarks - general: remarks - this release: .			
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	current version: none freeze_meeting: smg-22	WG (prime / other): T2	/ -	rapporteur: HARRIS, Ian	Research In Motion Limited			
	history (event, available, version, TP-09 (Withdrawn) 2000-09-28 5 . 0 . 0 smg-20 1996-10-11 5 . 0 . 0	G: yes	U:	MCC: RODERMUND, Friedhelm				
				get it	remarks - general: TSG#9:withdrawn cos contains misleading information/references			
				get it	remarks - this release: #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references			
TS 03.60	General Packet Radio Service (GPRS) Service description; Stage 2							
R96	current version: none freeze_meeting: smg-22	WG (prime / other): S2	/ -	rapporteur: ZHAO, Yilin	MOTOROLA Ltd			
	history (event, available, version, 5 . 0 . 0 smg-23 5 . 1 . 0 smg-24 5 . 2 . 0 smg-25 5 . 3 . 0 withdrawn, SMG-25	G: yes	U:	MCC: YOON, Sang-Ui				
					remarks - general: remarks - this release: .			

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Server WITHDRAWN specs R96 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				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-23 5 . 1 . 0			<i>remarks - general:</i>	
	smg-24 5 . 2 . 0 withdrawn SMG-25			<i>remarks - this release:</i> .	
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	<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> .	
TS 03.95	Support of Private Numbering Plan (SPNP); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> Scrapped Jan 98.	
TS 03.98	New barring services; Stage 2 description				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
TS 03.99	Direct Subscriber Access and Restriction (DSAR); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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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,

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

smg-23 1997-10-17 5 . 0 . 0
smg-24 1997-12-19 5 . 1 . 0

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
[get it](#) *remarks - this release:* #25: withdrawn

smg-23 1997-10-17 5 . 0 . 0
smg-24 1997-12-19 5 . 1 . 0

TS 04.70 Payphone services - stage 3

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

TS 04.73 Malicious Call Identification (MCID); Stage 3

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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Server WITHDRAWN specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.00	Service to GSM handportables in trains				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: VOSKAR, Paul MCC: 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 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: N, A	MOTOROLA A/S	
			remarks - general: remarks - this release: .		
TS 05.19	Service to GSM handportables in trains				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: WILTSHIRE, Timothy Robin MCC: N, A	Indicate persons who left Company and wait for new One	
			remarks - general: remarks - this release: .		
TR 05.20	Fast moving Mobile Station (study)				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: REINER, Michaël MCC: N, A	Eads Telecom Deutschland GmbH	
			remarks - general: remarks - this release: .		
TS 05.30	General packet radio service requirements				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: CONRAD, Alan MCC: N, A	T-MOBILE DEUTSCHLAND	
			remarks - general: remarks - this release: .		

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Server WITHDRAWN 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 07.57 Mobile Station Application Execution Environment (MExE); Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CANDISH, John Xtempus Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,

remarks - general:
remarks - this release: .

R96 **08** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* Peter Skov THOMASEN, Gert

history (event, available, version,
smg-24 5 . 0 . 0 smg-26: withdrawn

remarks - general:
remarks - this release: .

TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* Peter Skov THOMASEN, Gert

history (event, available, version,
smg-24 1997-12-19 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

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Server WITHDRAWN specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.12 Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol

R96 *current version:* none *WG (prime / other):* SPA / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 *G: yes U:* *MCC:*
history (event, available, version,
draft (ETSI TC 1997-11-10 5 . 2 . 1 [get it](#) *remarks - general:* EN 300 646
SPS) *remarks - this release:* .
draft (ETSI TC 1999-05-18 5 . 3 . 0 [get it](#)
SPS)
SPS1 approval 1999-05-21 5 . 3 . 1 [get it](#)

TS 09.20 Support of Shared Data Interworking Function

R96 *current version:* none *WG (prime / other):* - / *rapporteur:*
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface

R96 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-24 1997-12-19 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #24: 5.0.0 #25: withdrawn

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:* Replaced by 01.33.
ETSI publication 1997-01-20 5 . 0 . 1 [get it](#) *remarks - this release:* SMG#20:5.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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WITHDRAWN specs R96 10 .- series
Server 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 1997-02-14 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 1997-06-13 5 . 1 . 0 [get it](#) *remarks - this release:* #25: (5.x.y withdrawn)
smg-24 1997-10-08 5 . 2 . 0 [get it](#)
draft 1997-10-28 5 . 2 . 1 [get it](#)
draft 1998-12-10 5 . 3 . 0 [get it](#)
smg-24 1997-12-20 5 . 3 . 1 [get it](#)
draft 1998-02-05 5 . 3 . 2 [get it](#)
draft 1998-02-12 5 . 3 . 3 [get it](#)
draft 1998-02-15 5 . 3 . 4 [get it](#)
draft 1998-03-15 5 . 3 . 5 [get it](#)
draft 1998-03-05 5 . 4 . 0 [get it](#)
smg-25 1998-03-15 5 . 4 . 1 [get it](#)
draft 1998-04-06 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):* G3ne / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP / T2 / SCP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface
R96 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation
freeze_meeting: smg-22 G: yes U: MCC: JURISIC, Andrijana
history (event, available, version,
smg-16? 1996-01-25 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):* G1 / - *rapporteur:* VACANT, USAI, Paolino
freeze_meeting: smg-22 G: yes U: MCC: USAI, Paolino
history (event, available, version,
smg-22 1997-06-13 5 . 0 . 0 [get it](#) *remarks - general:*
smg-23 1997-10-17 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-25 1998-03-20 5 . 2 . 0 [get it](#)
smg-26 1998-06-26 5 . 3 . 0 [get it](#)
smg-27 1998-10-16 5 . 4 . 0 [get it](#)
Editorial correction 1998-10-16 5 . 4 . 1 [get it](#)
GP-09 2002-05-15 5 . 5 . 0 withdrawn [get it](#)

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

G = required in systems with GERAN 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 1995-08-21 0 . 1 . 0 [get it](#) *remarks - general:*
draft 1994-06-01 4 . 0 . 0 [get it](#) *remarks - this release: #16: withdrawn*

Ph2 **03** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)
Ph2 *current version: none* *WG (prime / other): T2 / -* *rapporteur: HARRIS, Ian* Research In Motion Limited
freeze_meeting: *G: yes U:* *MCC: RODERMUND, Friedhelm*
history (event, available, version,
smg-16 1995-10-20 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 Research In Motion Limited
freeze_meeting: *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
ETSI publication 1994-09-13 4 . 1 . 2 [get it](#) *remarks - general:*
ETSI OAP 1995-03-06 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn
ETSI publication 1995-08-01 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):* G1 / - *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

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WITHDRAWN specs Ph2 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 *current version:* none *WG (prime / other):* G3ne / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP / T2 / SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-16	1995-10-20	4	.	13	.	0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
smg-17	1996-02-02	4	.	14	.	0	get it	<i>remarks - this release:</i>	GP-06: Rel-4 serves all releases.
smg-18	1996-04-12	4	.	15	.	0	get it		
smg-19	1996-06-28	4	.	16	.	0	get it		
ETSI publication	1997-01-27	4	.	16	.	1	get it		
smg-20	1996-10-11	4	.	17	.	0	get it		
ETSI publication	1997-06-04	4	.	17	.	1	get it		
smg-21	1997-02-14	4	.	18	.	0	get it		
ETSI publication	1997-09-11	4	.	18	.	1	get it		
smg-22	1997-06-13	4	.	19	.	0	get it		
ETSI publication	1998-02-02	4	.	19	.	1	get it		
smg-23	1997-10-17	4	.	20	.	0	get it		
ETSI publication	1998-05-11	4	.	20	.	1	get it		
smg-24	1997-12-19	4	.	21	.	0	get it		
ETSI publication	1998-08-24	4	.	21	.	1	get it		
smg-25	1998-03-20	4	.	22	.	0	get it		
ETSI publication	1998-10-23	4	.	22	.	1	get it		
smg-26	1998-06-26	4	.	23	.	0	get it		
ETSI publication	1998-12-16	4	.	23	.	1	get it		
smg-27	1998-10-16	4	.	24	.	0	get it		
ETSI publication	1999-04-08	4	.	24	.	1	get it		
smg-28	1999-02-12	4	.	25	.	0	get it		
ETSI publication	1999-08-25	4	.	25	.	1	get it		
smg-29	1999-06-25	4	.	26	.	0	get it		
ETSI publication	1999-12-23	4	.	26	.	1	get it		
smg-30	1999-11-11	4	.	27	.	0	get it		
ETSI publication	2000-06-23	4	.	27	.	1	get it		
smg-31	2000-02-16	4	.	28	.	0	get it		
ETSI publication	2000-10-05	4	.	28	.	1	get it		
smg-32	2000-06-20	4	.	29	.	0	get it		
GP-02	2000-12-01	4	.	30	.	0	get it		
GP-03	2001-01-25	4	.	31	.	0	get it		
GP-04	2001-04-11	4	.	32	.	0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

GP-05 2001-06-28 4 . 33 . 0
GP-06 2001-09-06 4 . 34 . 0

[get it](#)
[get it](#)

TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2 *current version: none*
comments:
history (event, available, version,

WG (prime / other): - / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: MCC: N, A

remarks - general:
remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release: (no such spec)

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2 *current version: none*
freeze_meeting:
history (event, available, version,
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".

Ph1

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 **00** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.02 Voice group call service study (UIC project)

Ph1 *current version: none*
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: yes U: *MCC:* N, A

history (event, available, version,

remarks - general:
remarks - this release: .

Ph1 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.05 Simultaneous and Alternate Use of Services

Ph1 *current version: none*
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: yes U: *MCC:* N, A

history (event, available, version,
smg-01 1992-05-06 3 . 0 . 2

[get it](#) *remarks - general:* MoU
remarks - this release: .

TS 02.08 Quality of Service (QoS) / GSM system performance

Ph1 *current version: none*
freeze_meeting:

WG (prime / other): - / - *rapporteur:* TWINGLER, Jonas

Northstream AB

G: yes U: *MCC:* N, A

history (event, available, version,
1995-08-25 0 . 2 . 0
1995-10-06 0 . 2 . 1
1994-05-10 3 . 0 . 0
1994-05-10 3 . 0 . 1

[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 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>	.	
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>	.	
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>	.	
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>	.	
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
G: yes U: *MCC:* YOON, Sang-Ui

Indicate persons who left Company and wait for new One

history (event, available, version,
Jan 1990 1994-05-10 3 . 3 . 0
? 1994-05-10 3 . 4 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.42 SMS Compression

Ph1 *current version: none*
freeze_meeting:

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
gsm4 2003-05-06 3 . 0 . 0 Jan 1990: title was "Advanced data
MHS".

[get it](#) *remarks - general:*
remarks - this release:

Ph1 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.09 Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN

Ph1 *current version: none*
freeze_meeting: gsm-25b

WG (prime / other): N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation
G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
First complete 1 . 0 . 0

remarks - general: 2003-05-07: no draft available, so withdraw.
remarks - this release: .

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)

Ph1 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting:
history (event, available, version,
G: yes U: *MCC:* N, A
remarks - general:
remarks - this release: .

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version:* none *WG (prime / other):* GP / NP *rapporteur:* VACANT,
freeze_meeting: USAI, Paolino
history (event, available, version,
gsm-32 3 . 6 . 0 *remarks - general:*
smg-01 3 . 7 . 0 *remarks - this release:*
smg-02 3 . 8 . 0
smg-03 3 . 9 . 0
smg-04 3 . 10 . 0
smg-05 3 . 11 . 0
smg-06 2003-09-01 3 . 12 . 0 [get it](#)
smg-07 1995-01-01 3 . 13 . 0 [get it](#)
smg-08 3 . 14 . 0
smg-09 3 . 15 . 0
smg-10 3 . 16 . 0
smg-11 3 . 17 . 0
smg-12 1995-01-01 3 . 19 . 0 [get it](#)
smg-13 3 . 20 . 0
smg-20 1996-12-13 3 . 23 . 1 [get it](#)

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 12 .- series
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".

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 MOTOROLA Ltd
G: yes U: MCC: ZOICAS, Adrian

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 MOTOROLA Ltd
G: yes U: MCC: ZOICAS, Adrian

remarks - general:
remarks - this release: .

24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server WITHDRAWN specs 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.04U **UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**
current version: none
freeze_meeting:

history (event, available, version,

WG (prime / other): - / *rapporteur:* N, A
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release:

Indicate persons who left Company and wait for new One

32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.103 **(pending)**
current version: none
freeze_meeting:

history (event, available, version,

WG (prime / other): S5 / *rapporteur:* N, A
G: *U:* yes *MCC:* ZOICAS, Adrian

remarks - general: 2003-11-05: S5 declares this spec number will not be used.
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