

**3GPP TSG-CN
3GPP TSG-RAN
3GPP TSG-T
3GPP TSG-SA
Meeting #25, Palm Springs CA, USA, September 2004**

***Tdoc NP-040320
Tdoc RP-040353
Tdoc TP-040153
Tdoc SP-040607***

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

Title: **Specs status list prior to TSGs#25**

Document for: **information**

The following table shows the status list immediately prior to TSGs#25. It differs from that corresponding to the end of SA#24 insofar as it contains new specs created since that time and later drafts of specs not yet under change control. It also reflects the updates resulting from GERAN#20 & #21.

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Active or Withdrawn / Stopped (Active specs first)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Withdrawn / Stopped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

ACTIVE specs

Rel-7

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

TS 22.011	Service accessibility					
Rel-7	current version: 7.0.0		WG (prime / other): S1 / -	rapporteur: IBIDUN, Kunle		ORANGE SA
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael		
	history (event, available, version, comments):					
	SP-24 2004-06-14 7 . 0 . 0			get it	remarks - general: Transfer>TSG#4	
					remarks - this release: .	
<hr/>						
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, comments):					
	SP-23 2004-03-23 7 . 0 . 0			get it	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, comments):					
	SP-22 2004-01-06 7 . 0 . 0			get it	remarks - general: Transfer>TSG#4	
					remarks - this release: .	
<hr/>						
TS 22.071	Location Services (LCS); Stage 1					
Rel-7	current version: 7.0.0		WG (prime / other): S1 / -	rapporteur: DEOL, Amar		Nortel Networks (USA)
	freeze_meeting:		G: yes U: yes	MCC: CLAYTON, Michael		
	history (event, available, version, comments):					
	SP-24 2004-06-14 7 . 0 . 0			get it	remarks - general: Transfer>TSG#4	
					remarks - this release: .	

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

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

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, comments):								
	SP-23 2004-03-23 7 . 0 . 0						get it	remarks - general:	remarks - this release: .
<hr/>									
TS 22.101	Service aspects; Service principles								
Rel-7	current version: 7.0.0		WG (prime / other): S1 / -	rapporteur: DEOL, Amar	Nortel Networks (USA)				
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version, comments):								
	SP-24 2004-06-14 7 . 0 . 0						get it	remarks - general:	remarks - this release: .
<hr/>									
TS 22.953	Multimedia priority service feasibility study								
Rel-7	current version: none		WG (prime / other): S1 / -	rapporteur: GARRAHAN, James	Telcordia Technologies, Inc.				
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version, comments):								
								remarks - general:	remarks - this release: .
<hr/>									
TS 22.978	All-IP feasibility study	DRAFT							
Rel-7	current version: 0.4.0		WG (prime / other): S1 / -	rapporteur: SACHNO, Chris	NTT DoCoMo Inc.				
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version, comments):								
	draft 2004-06-15 0 . 0 . 0						get it	remarks - general:	SP-24: WI = SP-040303.
	draft 2004-06-25 0 . 1 . 0						get it	remarks - this release:	.
	draft 2004-07-27 0 . 4 . 0	Several different versions 0.4.0 are thought to be at loose in the wild.					get it		
<hr/>									
TS 22.979	Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions	DRAFT							
Rel-7	current version: 0.2.0		WG (prime / other): S1 /	rapporteur: FRANK, Robert	TeliaSonera AB				
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version, comments):								
	draft 0 . 0 . 0							remarks - general:	WI = SP-040305
	draft 0 . 1 . 0							remarks - this release:	.
	S2-41 2004-09-01 0 . 2 . 0	S1-040800					get it		

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

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

Rel-7 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.802 Architectural enhancements for end-to-end Quality of Service (QoS)
Rel-7 current version: 0.0.0 DRAFT WG (prime / other): S2 / - rapporteur: JAKSA, Robert HUAWEI TECHNOLOGIES Co. Ltd.
freeze_meeting: G: U: yes MCC: YOON, Sang-Ui
history (event, available, version, comments):
draft 2004-08-10 0 . 0 . 0 [get it](#) remarks - general: SP-24: WI = SP-040326
remarks - this release: .

Rel-7 55 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/55_series

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-7 current version: none WG (prime / other): S3 / rapporteur: CHRISTOFFERSSON, Per/TeliaSonera AB
freeze_meeting: G: yes U: MCC: POPE, Maurice
history (event, available, version, comments):
remarks - general: Work item UID = 1571 (SEC1)
remarks - this release: .

Rel-6

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

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

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ACTIVE specs 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	<i>current version:</i> none		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat				
	<i>freeze_meeting:</i> SP-20		G: U: yes	<i>MCC:</i> POPE, Maurice					
<i>history (event, available, version, comments):</i>									
				<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999				
				<i>remarks - this release:</i>	. Specifications".				
<hr/>									
TS 21.111	USIM and IC card requirements								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan	T-Mobile International AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> JURISIC, Andrijana					
<i>history (event, available, version, comments):</i>									
	TP-23	2004-03-25	6 . 0 . 0	get it	<i>remarks - general:</i>				
	TP-24	2004-06-15	6 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>									
TR 21.801	Specification drafting rules								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
<i>history (event, available, version, comments):</i>									
	SP-23	2004-04-02	6 . 0 . 0	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TR 21.877	Radio optimization impacts on the Packet Switched (PS) domain architecture								
Rel-6	<i>current version:</i> 0.7.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LAUTIER, Laurence	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
<i>history (event, available, version, comments):</i>									
	draft	2003-02-24	0 . 7 . 0	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> SP-20: from Rel-5.				
<hr/>									
TR 21.900	Technical Specification Group working methods								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
<i>history (event, available, version, comments):</i>									
	SP-21	2003-09-26	6 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-22	2004-01-14	6 . 1 . 0	get it	<i>remarks - this release:</i> SP-22: Fron now on, is null document pointing to equivalent in latest Release.				
	edito post SP-23	2004-04-02	6 . 1 . 1	get it	corrects Release shown on cover page				
	SP-24	2004-06-24	6 . 2 . 0	get it					
<hr/>									

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

TR 21.902	Evolution of 3GPP system								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i>	SP	/ -	<i>rapporteur:</i>	BISHOP, Craig	SAMSUNG Electronics Research Institute	
	<i>freeze_meeting:</i> SP-21		G:			MCC:	POPE, Maurice		
			U: yes						
	<i>history (event, available, version, comments):</i>								
	SP-18, Evolution meeting #2	2003-01-03	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	<i>remarks - general:</i>	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	<i>remarks - this release:</i>	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 workshop #5 prior to SP-21	2003-09-29	1 . 2 . 0	EV-030124	get it				
	Evolution workshop #5 prior to SP-21	2003-09-29	1 . 3 . 0	EV-030136	get it				
	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								
Rel-6	<i>current version:</i> 6.7.0		<i>WG (prime / other):</i>	S1	/ -	<i>rapporteur:</i>	ZARRI, Michele	T-Mobile (UK) Ltd	
	<i>freeze_meeting:</i> SP-22		G: yes			MCC:	CLAYTON, Michael		
			U: yes						
	<i>history (event, available, version, comments):</i>								
	SP-17	2002-09-16	6 . 0 . 0		get it	<i>remarks - general:</i>	2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least,		
	SP-18	2002-12-18	6 . 1 . 0		get it	<i>remarks - this release:</i>	. so include it in that set.		
	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	2004-03-23	6 . 6 . 0		get it				
	SP-24	2004-06-14	6 . 7 . 0		get it				

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ACTIVE specs Rel-6 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_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: 6.4.0	WG (prime / other):	S1 / -	rapporteur:	IBIDUN, Kunle	ORANGE SA			
	freeze_meeting:	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version, comments):								
	SP-19 2003-03-25			get it	remarks - general:	Transfer>TSG#4			
	SP-20 2003-06-18			get it	remarks - this release:	.			
	SP-22 2004-01-06			get it					
	SP-23 2004-03-23			get it					
	SP-24 2004-06-14			get it					
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, comments):								
	SP-23 2004-03-23			get it	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, comments):								
	SP-20 2003-06-18			get it	remarks - general:	Transfer>TSG#4			
	SP-21 2003-09-30			get it	remarks - this release:	.			
	SP-22 2004-01-06			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, comments):								
	SP-20 2003-06-18			get it	remarks - general:	Transfer>TSG#4			
	SP-21 2003-09-30			get it	remarks - this release:	.			
	SP-23 2004-03-23			get it					

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

TS 22.060	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, comments):</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, comments):</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, comments):</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, comments):</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 2004-03-23 6 . 7 . 0	get it				

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

3GPP specification status

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

TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-18 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 2004-03-23 6 . 4 . 0	get it			
	SP-24 2004-06-14 6 . 5 . 0	get it			
<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, comments):</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 scrap		
			<i>remarks - this release:</i> . 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> 6.8.0	<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, comments):</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 2004-03-23 6 . 7 . 0	get it			
	SP-24 2004-06-14 6 . 8 . 0	get it			

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

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

TS 22.105	Services and service capabilities						
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	ZARRI, Michele	T-Mobile (UK) Ltd	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-17 2002-09-17	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-20 2003-06-18	6 . 2 . 0		get it			
<hr/>							
TS 22.115	Service Aspects Charging and billing						
Rel-6	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SCARRONE, Enrico	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-19 2003-03-25	6 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-20 2003-06-18	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 2004-03-23	6 . 4 . 0		get it			
<hr/>							
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1						
Rel-6	<i>current version:</i> 6.6.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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-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 2004-03-23	6 . 5 . 0		get it			
	SP-24 2004-06-14	6 . 6 . 0		get it			
<hr/>							
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems						
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick	ORANGE SA	
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-19 2003-03-25	6 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-22 2004-01-06	6 . 1 . 0		get it	<i>remarks - this release:</i>		

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

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

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-6 *current version:* 6.6.0

freeze_meeting:

history (event, available, version, comments):

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	2004-03-23	6	.	5	.	0
SP-24	2004-06-14	6	.	6	.	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](#)

[get it](#)

[get it](#)

[get it](#)

TS 22.141 Presence service; Stage 1

Rel-6 *current version:* 6.2.1

freeze_meeting:

history (event, available, version, comments):

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

editorial to fix
apparently corrupt
file

WG (prime / other): S1 / - *rapporteur:* WOHLERT, Randolph SBC Technology Resources 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](#)

[get it](#)

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

Rel-6 *current version:* 6.5.0

freeze_meeting:

history (event, available, version, comments):

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	2004-03-23	6	.	4	.	0
SP-24	2004-06-14	6	.	5	.	0

WG (prime / other): S1 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (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](#)

[get it](#)

[get it](#)

[get it](#)

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

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

TS 22.174	Push service; Stage 1								
Rel-6	current version: 6.2.0								
	freeze_meeting:								
	history (event, available, version, comments):								
	draft 2002-03-27	0 . 6 . 0	S1-020540	get it	remarks - general:				
	draft	0 . 8 . 1			remarks - this release:	SP-15: Timed out of Rel-5. SP-18: S1 seems to have lost interest in this spec. Known to be some holes in it.			
	SP-16	1 . 0 . 0	SP-020230 (inside liaison statement)						
	post SP-16 clean	2002-07-04	1 . 0 . 1	get it					
	up								
	SP-17	2002-09-17	2 . 0 . 0	SP-020571	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				
<hr/>									
TS 22.177	Speech-enabled services; Stage 1								
Rel-6	current version: none								
	freeze_meeting:								
	history (event, available, version, comments):								
					remarks - general:	Spec number reserved; production depends on results of feasibility study (22.977).			
					remarks - this release:	.			
<hr/>									
TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1								
Rel-6	current version: 6.6.0								
	freeze_meeting:								
	history (event, available, version, comments):								
	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-020234 slide 11 justifies existence.		
	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-24	2004-06-14	6 . 6 . 0		get it				

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

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ACTIVE specs Rel-6 22 .- series
Server location: 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, comments):
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, comments):
SP-17 2002-09-16 1 . 0 . 0 SP-020568 [get it](#) *remarks - general:* Cf work item 'Generic user profile'
SP-19 2003-03-25 2 . 0 . 0 SP-030036 [get it](#) *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 2004-03-23 6 . 3 . 0 [get it](#)

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, comments):
draft ex Kobe 2003-07-29 0 . 0 . 0 [get it](#) *remarks - general:* SP-18: Stages 2 & 3 to be done by OMA. SP-24: debate on whether or not still needed
SP-15 2002-03-19 1 . 0 . 0 SP-020061 [get it](#) *remarks - this release:* . in view of St 1 at OMA. Conclusion yes, for now.
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 access; U = required in systems with UMTS access.

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

TS 22.243 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, comments):

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, comments):

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 2004-03-23 6 . 1 . 0 [get it](#)

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, comments):

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 access.

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ACTIVE specs Rel-6 22 .- series
Server location: 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, comments):</i>								
	SP-18 2002-12-18 2 . 0 . 0	SP-020671	get it	<i>remarks - general:</i> 2002-10-08: created from 22.940.					
	SP-18 2002-12-18 6 . 0 . 0		get it	<i>remarks - this release:</i> .					
	SP-19 2003-03-25 6 . 1 . 0		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, comments):</i>								
	S1-18 0 . 0 . 5	S1-022295		<i>remarks - general:</i>					
	SP-18 2002-12-20 0 . 1 . 0	(annex to liaison)	get it	<i>remarks - this release:</i> SP-20: seems difficult to reach agreement; expect it for info at SP-21, simply cleaned up					
	SP-19 2003-03-24 1 . 0 . 0	SP-030037	get it	but technically incomplete.					
	SP-21 2003-09-29 2 . 0 . 0	SP-030471	get it						
	SP-21 2003-09-30 6 . 0 . 0		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> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version, comments):</i>								
	TP-17 2002-08-30 1 . 0 . 0		get it	<i>remarks - general:</i>					
	TP-18 2002-12-03 2 . 0 . 0	TP-020274	get it	<i>remarks - this release:</i> .					
	TP-18 2002-12-20 6 . 0 . 0		get it						
<hr/>									
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking								
Rel-6	<i>current version:</i> 6.2.0	<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, comments):</i>								
	SP-15 2002-03-19 1 . 0 . 0	SP-020059	get it	<i>remarks - general:</i>					
	SP-17 2002-09-19 2 . 0 . 0	SP-020569	get it	<i>remarks - this release:</i> SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to other					
	SP-17 2002-09-16 6 . 0 . 0		get it	specs.					
	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 access; U = required in systems with UMTS access.

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

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

Rel-6 *current version:* 6.0.0

freeze_meeting:

history (event, available, version, comments):

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 / *rapporteur:* LAATU, Juho NOKIA Corporation

G: *U:* yes *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,

[get it](#)

unwithdrawn and approved!

[get it](#)

[get it](#)

[get it](#)

TR 22.949 Study on a generalized privacy capability

Rel-6 *current version:* 6.0.0

freeze_meeting:

history (event, available, version, comments):

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 2004-03-22 2 . 0 . 0 SP-040099

SP-23 2004-03-24 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK

G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#)

remarks - general: WI: PrivCap.

[get it](#)

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

TR 22.950 Priority service feasibility study

Rel-6 *current version:* 6.3.0

freeze_meeting:

history (event, available, version, comments):

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

SP-24 2004-06-14 6 . 3 . 0

WG (prime / other): S1 / - *rapporteur:* GARRAHAN, James Telcordia Technologies, Inc.

G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#)

remarks - general: Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR.

[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 access.

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

TR 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version, comments):

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](#)

[get it](#)

TR 22.952 Priority service guide

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version, comments):

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		
SP-24	2004-06-14	6	.	1	.	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](#)

[get it](#)

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0

freeze_meeting:

history (event, available, version, comments):

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: yes *U:* yes *MCC:* CLAYTON, Michael

remarks - general:

remarks - this release: .

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[get it](#)

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

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ACTIVE specs Rel-6 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_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:* 6.5.0 *freeze_meeting:* WG (prime / other): S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG
G: yes U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-19	2003-03-27	6	.	0	.	0	get it <i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
correct cover sheet post SP-19	2003-03-31	6	.	0	.	1	get it <i>remarks - this release:</i> .
SP-20	2003-06-20	6	.	1	.	0	get it
SP-21	2003-10-01	6	.	2	.	0	get it
SP-22	2004-01-06	6	.	3	.	0	get it
SP-23	2004-04-01	6	.	4	.	0	get it
SP-24	2004-06-23	6	.	5	.	0	get it

TS 23.003 Numbering, addressing and identification
Rel-6 *current version:* 6.3.0 *freeze_meeting:* WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-21	2003-10-09	6	.	0	.	0	get it <i>remarks - general:</i>
NP-22	2004-01-12	6	.	1	.	0	get it <i>remarks - this release:</i> .
NP-23	2004-03-23	6	.	2	.	0	get it Implements, inter alia, CR083r2 accidentally omitted from v6.1.0.
NP-24	2004-06-15	6	.	3	.	0	get it

TS 23.007 Restoration procedures
Rel-6 *current version:* 6.0.0 *freeze_meeting:* WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-23	2004-03-23	6	.	0	.	0	get it <i>remarks - general:</i>
							<i>remarks - this release:</i> .

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

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

TS 23.008	Organisation of subscriber data					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-22 2004-01-12 6 . 0 . 0				get it	<i>remarks - general:</i>
	NP-23 2004-03-23 6 . 1 . 0					<i>remarks - this release:</i> .
	NP-24 2004-06-15 6 . 2 . 0				get it	
					get it	
<hr/>						
TS 23.011	Technical realization of Supplementary Services					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-19 2003-04-04 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
TS 23.012	Location management procedures					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-23 2004-03-23 6 . 0 . 0				get it	<i>remarks - general:</i>
	NP-24 2004-06-15 6 . 1 . 0					<i>remarks - this release:</i> .
					get it	
<hr/>						
TS 23.015	Technical realization of Operator Determined Barring (ODB)					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i>	G: yes U: yes	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-24 2004-06-15 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
TS 23.016	Subscriber data management; Stage 2					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-19 2003-04-04 6 . 0 . 0				get it	<i>remarks - general:</i>
	NP-23 2004-03-23 6 . 1 . 0					<i>remarks - this release:</i> .
					get it	
<hr/>						

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

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

TS 23.018	Basic Call Handling; Technical realization				
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-21 2003-10-09 6 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-22 2004-01-12 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-23 2004-03-23 6 . 2 . 0	get it			
<hr/>					
TS 23.038	Alphabets and language-specific information				
Rel-6	<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>	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-21 2003-10-03 6 . 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-6	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-17 2002-09-18 6 . 0 . 0	get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.		
	post TP-17: adds 2002-09-24 6 . 0 . 1	get it	<i>remarks - this release:</i> .		
	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 2004-03-26 6 . 3 . 0	get it			
	TP-24 2004-06-18 6 . 4 . 0	get it			
<hr/>					
TS 23.041	Technical realization of Cell Broadcast Service (CBS)				
Rel-6	<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>	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-17 2002-09-18 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4		
	TP-19 2003-03-25 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	TP-22 2004-01-09 6 . 2 . 0	get it			

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

TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	BRENK, Lars	TTP Communications plc			
	<i>freeze_meeting:</i>	G: yes U: yes		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	TP-16 2002-06-28 6 . 0 . 0	get it		<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.				
	TP-17 2002-09-18 6 . 1 . 0	get it		<i>remarks - this release:</i>	.				
	TP-21 2003-10-14 6 . 2 . 0	get it							
<hr/>									
TS 23.060	General Packet Radio Service (GPRS); Service description; Stage 2								
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i>	G: yes U: yes		<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-19 2003-03-27 6 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
	SP-20 2003-06-20 6 . 1 . 0	get it		<i>remarks - this release:</i>	.				
	SP-21 2003-10-01 6 . 2 . 0	get it							
	SP-22 2004-01-06 6 . 3 . 0	get it							
	SP-23 2004-04-01 6 . 4 . 0	get it							
	SP-24 2004-06-23 6 . 5 . 0	get it							
<hr/>									
TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i>	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-19 2003-04-04 6 . 0 . 0	get it		<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				
<hr/>									
TS 23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2								
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i>	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-22 2004-01-07 6 . 0 . 0	get it		<i>remarks - general:</i>	NP-24: txferred to N4 on closure of N2.				
	NP-23 2004-04-01 6 . 1 . 0	get it		<i>remarks - this release:</i>	.				
	NP-24 2004-06-17 6 . 2 . 0	get it							

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

TS 23.088	Call Barring (CB) Supplementary Service; Stage 2								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-19 2003-04-04 6 . 0 . 0						get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 23.094	Follow Me Stage 2								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-22 2004-01-12 6 . 0 . 0						get it	<i>remarks - general:</i>	Transfer>TSG#4. GSM only @TSG#5
								<i>remarks - this release:</i>	.
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> RINNE, Janne	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-22 2004-01-06 6 . 0 . 0	SP-22: Rel-6 doc not to be created yet.					get it	<i>remarks - general:</i>	was 23.907
		CRs kept on ice.						<i>remarks - this release:</i>	SP-22: Rel-6 doc not to be created yet. CRs kept on ice.
	SP-23 2004-04-01 6 . 1 . 0						get it		
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana					
	<i>history (event, available, version, comments):</i>								
	NP-23 2004-03-22 6 . 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 R98
	NP-24 2004-06-15 6 . 1 . 0						get it	<i>remarks - this release:</i>	. features.

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

TS 23.125 Overall high level functionality and architecture impacts of flow based charging; Stage 2

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / - *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft		0	.	0	.	1	
Moved text from TR 23.825 v 1.4.0	2004-02-05	0	.	1	.	0	get it <i>remarks - general:</i> WI UID = 32030.
S2-38		0	.	2	.	0	<i>remarks - this release:</i> SP-23: to be completed by SP-24.

several drafts of this version distributed within S2

post S2-38	2004-02-27	0	.	2	.	1	get it
SP-23	2004-03-22	2	.	0	.	0	get it
SP-23	2004-04-01	6	.	0	.	0	get it
SP-24	2004-06-22	6	.	1	.	0	get it

TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-18	2003-01-10	6	.	0	.	0	get it
SP-24	2004-06-23	6	.	1	.	0	get it

from S2 to N5 at N/SP-25. *remarks - general:* Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred
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:* 6.6.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef INFINEON TECHNOLOGIES
freeze_meeting: G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-18	2002-12-20	6	.	0	.	0	get it
TP-19	2003-03-31	6	.	1	.	0	get it
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	2004-03-26	6	.	5	.	0	get it
TP-24	2004-06-17	6	.	6	.	0	get it

remarks - general: 2003-12-03: Note that this spec also contains stage 3.
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.

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

TS 23.141	Presence service; Architecture and functional description; Stage 2								
Rel-6	<i>current version:</i> 6.6.0	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	BERTENYI, Balazs	NOKIA Corporation			
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	draft 2002-06-17	0 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-17 2002-10-04	1 . 0 . 0		get it	<i>remarks - this release:</i>				
	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 2004-04-01	6 . 5 . 0		get it					
	SP-24 2004-06-23	6 . 6 . 0		get it					
<hr/>									
TS 23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	HUSLENDE, Ragnar	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	NP-23 2004-03-22	6 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 23.174	Push service; stage 2								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
					<i>remarks - general:</i>	Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to			
					<i>remarks - this release:</i>	SP-17: Rel-5 -> Rel-6 to accord with stage 1. reserve the number just in case ...".			
<hr/>									
TS 23.198	Open Service Access (OSA); Stage 2								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	N5 / -	<i>rapporteur:</i>	GOURRAUD, Christophe	ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
					<i>remarks - general:</i>	NP-25: Anticipate approval NP-26.			
					<i>remarks - this release:</i>				

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

TS 23.207	End-to-end Quality of Service (QoS) concept and architecture					
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	OYAMA, Johnson	Nippon Ericsson K.K.
	<i>freeze_meeting:</i>	G: yes U: yes		MCC:	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i>					
	SP-21 2003-10-01 6 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-22 2004-01-06 6 . 1 . 0			get it	<i>remarks - this release:</i>	.
	SP-22 2004-01-22 6 . 1 . 1	Implements CRs 65, 66, 67		get it		
	SP-23 2004-04-01 6 . 2 . 0			get it		
	SP-24 2004-06-23 6 . 3 . 0			get it		

TS 23.218	IP Multimedia (IM) session handling; IM call model; Stage 2					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	DRAGE, Keith	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	G: yes U: yes		MCC:	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>					
	NP-22 2004-01-06 6 . 0 . 0			get it	<i>remarks - general:</i>	
	NP-23 2004-03-22 6 . 1 . 0			get it	<i>remarks - this release:</i>	.

TS 23.221	Architectural requirements					
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	DANIEL, Elizabeth	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	G: yes U: yes		MCC:	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i>					
	SP-19 2003-03-27 6 . 0 . 0			get it	<i>remarks - general:</i>	Derived from R99-specific 23.121
	SP-21 2003-10-01 6 . 1 . 0			get it	<i>remarks - this release:</i>	.
	SP-23 2004-04-01 6 . 2 . 0			get it		
	SP-24 2004-06-23 6 . 3 . 0			get it		

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

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-6 *current version:* 6.6.0

WG (prime / other): S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies

freeze_meeting:

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

history (event, available, version, comments):

SP-18	2003-01-07	6 . 0 . 0		get it	<i>remarks - general:</i>
edito post SP-18	2003-01-07	6 . 0 . 1	corrects Rel shown on front cover.	get it	<i>remarks - this release:</i> SP-21: Envisage modifications to cater for PoC feature.
SP-19	2003-03-27	6 . 1 . 0		get it	
SP-20	2003-06-23	6 . 2 . 0		get it	
SP-21	2003-10-01	6 . 3 . 0		get it	
SP-22		6 . 4 . 0	never issued		
SP-22	2004-01-06	6 . 4 . 1	corrects omitted CR	get it	
SP-23	2004-04-01	6 . 5 . 0		get it	
SP-24	2004-06-21	6 . 6 . 0		get it	

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

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

TS 23.234 3GPP system to Wireless Local Area Network (WLAN) interworking; System description

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / - *rapporteur:* MARTIQUET, Nicolas France Telecom
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

conversion from 0 . 1 . 0

23.934 v0.5.0

SP-17 2002-10-04 1 . 0 . 0

SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).

draft 2003-01-06 1 . 2 . 1

draft 2003-01-08 1 . 3 . 0

SP-19 2003-03-24 1 . 6 . 0

Annexed to LS in SP-030065 (ex S2-030727),

S2-31 1 . 7 . 0

draft 2003-04-25 1 . 8 . 0

SP-20 2003-06-17 1 . 10 . 0

SP-030313

S2-34 1 . 14 . 0

SP-21 2003-09-29 2 . 0 . 0

SP-030391. Not approved - many outstanding issues (no. of scenarios, tunnelling, ...)

SP-22 2003-12-02 2 . 3 . 0

S2-034357 = SP-030714, also as annex to SP-030664. But anticipate input from GSMA. Not aprvd.

draft 2004-01-27 2 . 4 . 0

SP-23 2004-04-07 2 . 5 . 0

SP-040049

SP-23 2004-04-01 6 . 0 . 0

Much editorial work still to be done.

SP-24 2004-06-22 6 . 1 . 0

remarks - general:

remarks - this release: SP-18: Anticipate approval SP-19. SP-19: Doc has been split into scenario 2 and scenario 3 parts, and will be for approval at SP-20.

[get it](#)

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

TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-6 *current version:* 6.4.0 *WG (prime / other):* S2 / *rapporteur:* KOSKINEN, Harri Nokia Telecommunications Inc.
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-19	2003-03-24	1	.	0	.	0	S2-030944 -> SP-030031	get it	<i>remarks - general:</i> Cf work item 'Generic user profile'
S2-31	2003-04-22	1	.	1	.	0		get it	<i>remarks - this release:</i> SP-19: moved from Rel-5
S2-32	2003-05-26	1	.	2	.	0	S2-032170	get it	
SP-20	2003-05-26	2	.	0	.	0	S2-032171 -> SP-030310	get it	
SP-20	2003-06-20	6	.	0	.	0		get it	
SP-21	2003-10-01	6	.	1	.	0		get it	
SP-22	2004-01-06	6	.	2	.	0		get it	
SP-23	2004-04-01	6	.	3	.	0		get it	
SP-24	2004-06-21	6	.	4	.	0		get it	

TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N4 / T2 *rapporteur:* KOZA, Yvette T-Mobile AUSTRIA GmbH
freeze_meeting: G: U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

draft	2002-05-28	0	.	3	.	0		get it	<i>remarks - general:</i> Cf work item 'Generic user profile'. NP-24/TP-24: txferred from T2 to N4.
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	2004-03-22	2	.	0	.	0	T2-040109 -> TP-040051	get it	
TP-23	2004-03-25	6	.	0	.	0		get it	
TP-24	2004-06-15	6	.	1	.	0		get it	

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

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

TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description				
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Ltd (3)	
	<i>freeze_meeting:</i>	G: U: yes	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	draft	0 . 0 . 0		<i>remarks - general:</i>	Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.
	S2-27 2002-11-14	0 . 1 . 0	get it	<i>remarks - this release:</i>	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 2004-04-01	6 . 2 . 0	get it		
	SP-24 2004-06-23	6 . 3 . 0	get it		

TS 23.251	Network sharing; Architecture and functional description				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> NILSSON, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i>	G: U: yes	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	draft	0 . 0 . 0		<i>remarks - general:</i>	WI UID = 32044
	draft 2004-05-07	0 . 1 . 0	get it	<i>remarks - this release:</i>	.
	draft	0 . 2 . 0			
	draft 2004-05-26	0 . 2 . 1	get it		fixes ToC
	SP-24 2004-06-14	2 . 0 . 0	get it		SP-040335
	SP-24 2004-06-23	6 . 0 . 0	get it		

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

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

TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-6	current version: 6.8.0			WG (prime / other): S2 / -	rapporteur: WONG, Gavin	VODAFONE Group Plc			
	freeze_meeting:			G: yes U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version, comments):								
	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	2004-04-01	6 . 7 . 0		get it				
	SP-24	2004-06-23	6 . 8 . 0		get it				
<hr/>									
TR 23.801	Potential mechanisms for Circuit Switched (CS) domain video and voice service improvements								
Rel-6	current version: 1.0.0	DRAFT		WG (prime / other): S2 /	rapporteur: PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version, comments):								
	SP-24	2004-06-14	1 . 0 . 0	SP-040336	get it	remarks - general:	WI = SP-040043		
						remarks - this release:	.		
<hr/>									
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, comments):								
	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				
<hr/>									
TR 23.841	Presence service architecture								
Rel-6	current version: 6.0.0			WG (prime / other): S2 /	rapporteur: BERTENYI, Balazs	NOKIA Corporation			
	freeze_meeting:			G: U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version, comments):								
	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 access.

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ACTIVE specs Rel-6 23 .- series
Server location: 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:

WG (prime / other): S2 / rapporteur: JARVIS, Andre Hutchison 3G UK Ltd (3)
G: U: yes MCC: YOON, Sang-Ui

history (event, available, version, comments):

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	

[get it](#) remarks - general: This is a preparatory report which may result in the creation of a stage 2 TS 23.246.
remarks - this release: SP-15: To be a Rel-6 service, not Rel-5.
[get it](#)
[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: 6.1.0

freeze_meeting:

WG (prime / other): S2 / rapporteur: NILSSON, Ulf TeliaSonera AB
G: yes U: yes MCC: YOON, Sang-Ui

history (event, available, version, comments):

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	2004-03-22	2 . 0 . 0	SP-040051
SP-23	2004-04-01	6 . 0 . 0	
SP-24	2004-06-25	6 . 1 . 0	

remarks - general: WI UID = 32044
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-6 23 .- series
Server location: 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, comments):									
	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					
<hr/>										
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: LIEBHART, Rainer	SIEMENS AG					
	freeze_meeting:		G: U: yes	MCC: YOON, Sang-Ui						
	history (event, available, version, comments):									
	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 and			
						remarks - this release:	. 23.228.			
	draft	2003-04-17	0 . 1 . 0		get it					
	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					
<hr/>										
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, comments):									
	S2-34	2003-08-21	0 . 0 . 0	S2-033088	get it	remarks - general:	WID = SP-030305 (though this tdoc is actually withdrawn!).			
	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	2004-03-22	2 . 0 . 0	SP-040047	get it					
	SP-23	2004-04-01	6 . 0 . 0	G2 & S4 will use results to see if any improvements are required in their specs	get it					

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

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

TR 23.895	Provision of UE specific behaviour information to network entities								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	draft	0 . 4 . 0						<i>remarks - general:</i>	
	SP-18	2003-01-10	1 . 0 . 0	SP-020797 for approval	get it			<i>remarks - this release:</i>	.
	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.	get it				
	SP-19	2003-03-27	6 . 1 . 0		get it				
	SP-20	2003-06-20	6 . 2 . 0		get it				

TR 23.898	3GPP access class barring and overload protection								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DAVIDIAN, Jean-Jacques DoCoMo Europe S.A.					
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-24	2004-06-14	1 . 0 . 0	SP-040332	get it			<i>remarks - general:</i>	SP-23: WI = SP-040042.
								<i>remarks - this release:</i>	.

TR 23.899	Combining Circuit Switched (CS) bearers with IP Multimedia Subsystem (IMS)								
Rel-6	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> WATSON, Mark		NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	draft	2004-04-16	0 . 0 . 0		get it			<i>remarks - general:</i>	SP-23: WI = SP-040044.
	S2-39	2004-04-28	0 . 1 . 0		get it			<i>remarks - this release:</i>	.
	S2-40	2004-05-27	0 . 2 . 0		get it				

TR 23.903	Redial solution for video-voice switching								
Rel-6	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	S1-41	2004-08-03	0 . 0 . 1		get it			<i>remarks - general:</i>	SP-24: WI = SP-040331
								<i>remarks - this release:</i>	.

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

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

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, comments):								
	S2-24	2002-05-07	0	.	1	.	0	get it	remarks - general:
	SP-17	2002-09-24	1	.	0	.	0	get it	remarks - this release: 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.
							SP-020536		
<hr/>									
TR 23.976	Push architecture								
Rel-6	current version: 6.1.0		WG (prime / other):	S2 / -	rapporteur:	ALFANO, Nicholas	Research In Motion Limited		
	freeze_meeting:		G:	U: yes	MCC:	YOON, Sang-Ui			
	history (event, available, version, comments):								
	S2-29		0	.	0	.	0		remarks - general: 2003-02-04: 23.876 -> 23.976
	S2-29	2003-02-03	0	.	0	.	1	get it	remarks - this release: .
	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	get it	SP-030387
	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	2004-03-22	2	.	0	.	0	get it	SP-040046
	SP-23	2004-04-06	6	.	0	.	0	get it	known outstanding issue
	SP-23	2004-04-07	6	.	0	.	1	get it	supplies missing abbreviations
	SP-24	2004-06-23	6	.	1	.	0	get it	

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

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

TR 23.977	Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks								
Rel-6	<i>current version:</i> 6.0.0		<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, comments):</i>								
	S2-33	2003-07-30	0 . 0 . 0					<i>remarks - general:</i>	Work Item: Bandwidth and Resource savings and Speech enhancements for CS
	draft	2003-07-30	0 . 1 . 1	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)
	S2-34	2003-09-26	0 . 2 . 0	Corrects number on cover page!	get it				
	S2-35	2003-11-12	0 . 3 . 0		get it	S2-033741			
	SP-22	2004-01-05	1 . 0 . 0		get it	SP-030713			
	S2-37	2004-01-21	1 . 1 . 0		get it				
	S2-38	2004-02-26	1 . 2 . 0		get it				
	S2-39	2004-04-27	1 . 3 . 0		get it				
	SP-24	2004-06-14	2 . 0 . 0		get it	SP-040445			
	SP-24	2004-06-21	6 . 0 . 0		get it				
<hr/>									
TR 23.979	3GPP enablers for Push-to-talk over Cellular (PoC) services; Stage 2								
Rel-6	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> SULTANA, Shabnam	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	draft	2003-10-20	0 . 0 . 0		get it			<i>remarks - general:</i>	SP-21: WI = SP-030540
	post S2-35		0 . 1 . 0					<i>remarks - this release:</i>	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				
	S2-39	2004-05-12	0 . 4 . 0		get it				
	draft		0 . 5 . 0						
	S2-40		0 . 6 . 0	S2-042282					
	SP-24	2004-06-14	1 . 0 . 0	SP-040333	get it				
	S2-41	2004-08-30	1 . 1 . 0		get it				
<hr/>									
TR 23.981	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	S2-39	2004-05-04	1 . 1 . 0	derived from 23.981 v1.0.0	get it			<i>remarks - general:</i>	SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert 23.881 to
	draft	2004-05-12	1 . 1 . 1		get it			<i>remarks - this release:</i>	23.981. Agreed at S2-39.
	SP-24	2004-06-14	2 . 0 . 0	SP-040337	get it				
	SP-24	2004-06-23	6 . 0 . 0		get it				
<hr/>									

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

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

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:* 6.1.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
NP-22 2004-01-08 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
NP-24 2004-06-21 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-6 *current version:* 6.5.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
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 2004-03-22 6 . 4 . 0 [get it](#)
NP-24 2004-06-14 6 . 5 . 0 [get it](#)

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 Peter MOTOROLA A/S
freeze_meeting: G: yes U: yes *MCC:* Skov JURISIC, Andrijana
history (event, available, version, comments):
NP-21 2003-10-10 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

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, comments):
NP-22 2004-01-12 6 . 0 . 0 [get it](#) *remarks - general:* TSG#7: txfrd from SMG to 3GPP for R99.
NP-23 2004-03-23 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

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

TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding								
Rel-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, comments):								
	NP-22	2004-01-12	6 . 0 . 0	get it	remarks - general:				
	NP-23	2004-03-23	6 . 1 . 0	get it	remarks - this release:				
<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, comments):								
	NP-19	2003-04-04	6 . 0 . 0	get it	remarks - general:				
					remarks - this release:				
<hr/>									
TS 24.109	Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details								
Rel-6	current version: 2.1.1	DRAFT	WG (prime / other): N1 /	rapporteur: BAJKO, Gabor	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: JURISIC, Andrijana					
	history (event, available, version, comments):								
	draft	2004-03-22	0 . 0 . 1	get it	remarks - general: WI UID = 14504				
	N1-33b	2004-04-27	0 . 1 . 0	get it	remarks - this release:				
	N1-34	2004-05-25	0 . 2 . 0	get it					
	N1-34b	2004-07-01	0 . 3 . 0	get it					
	N1-35	2004-08-31	2 . 0 . 0	get it					
					[note that rapporteur produced a second version 2.0.0, which is ignored]				
	post N1-35	2004-09-03	2 . 1 . 0	get it					
	NP-25	2004-09-03	2 . 1 . 1	get it					

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

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

TS 24.141 Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

draft		0	.	0	.	1		<i>remarks - general:</i> WI = PRSNC (UID 2499)
draft		0	.	0	.	2		<i>remarks - this release:</i> .
N1-31		0	.	0	.	3		
N1-31		0	.	0	.	4		
N1-31	2003-09-11	0	.	1	.	0	get it	
N1-32	2003-11-12	0	.	2	.	0	get it	
N1-33	2004-05-25	0	.	3	.	0	get it	
NP-24	2004-05-26	2	.	0	.	0	get it	NP-040200 ex N1-34
NP-24	2004-06-14	6	.	0	.	0	get it	

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

Rel-6 *current version:* 1.2.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* MAYER, Georg NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

draft		0	.	0	.	1		<i>remarks - general:</i> 2003-06: WID is NP-030286 = IMS-CCR-E
draft		0	.	0	.	2		<i>remarks - this release:</i> .
draft	2003-06-30	0	.	0	.	3	get it	
draft	2003-06-30	0	.	0	.	4	get it	technically identical to v003 but has the number on the front cover
draft	2003-07-10	0	.	0	.	5	get it	
draft	2003-09-12	0	.	1	.	0	get it	
N1-34	2004-05-24	1	.	0	.	0	get it	Material was shifted from version 3GPP TR 29.847 version 2.0.0 based on the agreed CR in N1-040875.
post N1-34 editos	2004-05-25	1	.	0	.	1	get it	
N1-34b	2004-06-22	1	.	1	.	0	get it	
N1-35	2004-09-03	1	.	2	.	0	get it	

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

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ACTIVE specs Rel-6 24 .- series
Server location: 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-6	current version: 6.3.0			WG (prime / other): N1 / -	rapporteur: DRAGE, Keith	Lucent Technologies Network Systems UK			
	freeze_meeting:			G: yes U: yes	MCC: JURISIC, Andrijana				
	history (event, available, version, comments):								
	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	2004-03-22	6 . 2 . 0		get it				
	NP-24	2004-06-14	6 . 3 . 0		get it				
<hr/>									
TS 24.234	3GPP system to Wireless Local Area Network (WLAN) interworking; User Equipment (UE) to network protocols; Stage 3								
Rel-6	current version: 1.6.0	DRAFT		WG (prime / other): N1 / -	rapporteur: SITCH, Paul	NOKIA Corporation			
	freeze_meeting:			G: U: yes	MCC: JURISIC, Andrijana				
	history (event, available, version, comments):								
	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				
	N1-33b		1 . 3 . 0						
	N1-34	2004-05-25	1 . 4 . 0		get it				
	draft	2004-05-27	1 . 4 . 1		get it				
	N1-34b	2004-07-02	1 . 5 . 0		get it				
	N1-34b		1 . 5 . 1	May possibly exist, though history box is unclear.					
	N1-35	2004-08-30	1 . 6 . 0	Cover and history box erroneously shows v1.60.0	get it				
<hr/>									
TS 24.241	3GPP Generic User Profile (GUP) Common objects; Stage 3								
Rel-6	current version: 0.5.0	DRAFT		WG (prime / other): N4 / T2	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB			
	freeze_meeting:			G: U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version, comments):								
	draft	2002-05-28	0 . 3 . 0		get it	remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241. NP-24/TP-24:			
	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. txferred			
from T2 to N4.	draft	2003-11-03	0 . 5 . 0	T2-030570	get it				

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

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

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

Rel-6 *current version:* 1.2.0 DRAFT WG (prime / other): N1 / rapporteur: MAYER, Georg NOKIA Corporation
freeze_meeting: G: U: yes MCC: JURISIC, Andrijana

history (event, available, version, comments):

draft	2003-08-19	0 . 0 . 0		get it	<i>remarks - general:</i> 2003-06: WID is NP-030286 = IMS-CCR-E
draft	2003-10-10	0 . 1 . 0		get it	<i>remarks - this release:</i> .
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	
N1-33b	2004-04-05	0 . 5 . 0		get it	
N1-34		1 . 0 . 0			
post N1-34 editorials	2004-05-25	1 . 0 . 1	change record claims this version is 2.0.1	get it	
N1-34b	2004-06-22	1 . 1 . 0	history box claims v2.1.0 following v2.0.1.	get it	
N1-35	2004-09-03	1 . 2 . 0		get it	

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

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK

freeze_meeting: *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

draft		0 . 0 . 0	
N1-25		0 . 0 . 1	
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
post N1-33	2004-03-22	1 . 4 . 2	get it
N1-33b	2004-04-13	1 . 5 . 0	get it
N1-33b	2004-04-27	1 . 5 . 1	N1-040762 get it
N1-34	2004-05-25	1 . 6 . 0	get it
NP-24	2004-06-25	2 . 0 . 0	NP-040199: change history still shows v1.6.0 get it
NP-24	2004-06-14	6 . 0 . 0	get it

remarks - general:

remarks - this release: .

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

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

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ACTIVE specs Rel-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, comments):									
	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	2004-04-01	6 . 4 . 0		get it					

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, comments):									
	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: 6.6.0	WG (prime / other):	R4 / -	rapporteur:	SKÖLD, Johan	Telefon AB LM Ericsson				
	freeze_meeting:	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version, comments):									
	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	2004-04-01	6 . 5 . 0		get it					
	RP-24	2004-06-24	6 . 6 . 0		get it					

TS 25.105	Base Station (BS) radio transmission and reception (TDD)									
Rel-6	current version: 6.1.0	WG (prime / other):	R4 / -	rapporteur:	KOTTKAMP, Meik	SIEMENS AG				
	freeze_meeting:	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version, comments):									
	RP-22	2004-01-20	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:				
	RP-24	2004-06-24	6 . 1 . 0		get it	remarks - this release:	created for M.1457 update			

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

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

TS 25.106	UTRA repeater radio transmission and reception									
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NILSSON, Martin						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>									
	RP-22	2004-01-20	6 . 0 . 0	Required for update of ITU-R M.1457	get it		<i>remarks - general:</i>			
	RP-24	2004-06-24	6 . 1 . 0		get it		<i>remarks - this release:</i>	created for M.1457 update		
<hr/>										
TS 25.113	Base station and repeater electromagnetic compatibility (EMC)									
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BARNES, David						DTI - Department of Trade and Industry
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>									
	RP-22	2004-01-23	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 25.123	Requirements for support of radio resource management (TDD)									
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GUERRINI, Claudio						TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>									
	RP-22	2004-01-23	6 . 0 . 0		get it		<i>remarks - general:</i>			
	RP-23	2004-04-01	6 . 1 . 0		get it		<i>remarks - this release:</i>	.		
	RP-24	2004-06-24	6 . 2 . 0		get it					
<hr/>										
TS 25.133	Requirements for support of radio resource management (FDD)									
Rel-6	<i>current version:</i> 6.6.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GUERRINI, Claudio						TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>									
	RP-18	2003-01-10	6 . 0 . 0		get it		<i>remarks - general:</i>			
	RP-19	2003-04-04	6 . 1 . 0		get it		<i>remarks - this release:</i>	.		
	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	2004-04-01	6 . 5 . 0		get it					
	RP-24	2004-06-24	6 . 6 . 0		get it					

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

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

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

Rel-6 *current version:* 6.6.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-18	2003-01-10	6 . 0 . 0	Early ETSI publication because referenced in SCP publications.	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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	2004-04-01	6 . 5 . 0		get it	
RP-24	2004-06-24	6 . 6 . 0		get it	

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG
freeze_meeting: G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-22	2004-01-20	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>
RP-24	2004-06-24	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update

TS 25.143 UTRA repeater conformance testing

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - An Andrew Company
freeze_meeting: G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-22	2004-01-20	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i> Created by renumbering 25.107
RP-24	2004-06-24	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update

TS 25.171 Requirements for support of Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)

Rel-6 *current version:* 0.0.0 DRAFT *WG (prime / other):* R4 / *rapporteur:* SHEN, Donglin AT&T Wireless Services, Inc.
freeze_meeting: G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

R4-31	2004-05-18	0 . 0 . 0	based on R4-040387	get it	<i>remarks - general:</i> WI UID = 24012 <i>remarks - this release:</i> .
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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

TS 25.201	Physical layer - general description									
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> GERSTENBERGER, Dirk Telefon AB LM Ericsson						
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</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
<hr/>										
TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)									
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> PARKVALL, Stefan Ericsson AB						
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>									
	RP-22	2004-01-14	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>				
	RP-24	2004-06-18	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update				
<hr/>										
TS 25.212	Multiplexing and channel coding (FDD)									
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MICHEL, Jürgen SIEMENS AG						
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</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	2004-04-02	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update				
	RP-24	2004-06-18	6 . 2 . 0		get it					
<hr/>										
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>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</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
<hr/>										
TS 25.214	Physical layer procedures (FDD)									
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)						
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</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	2004-04-02	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update				
	RP-24	2004-06-18	6 . 2 . 0		get it					

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

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Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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, comments):</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> .
<hr/>									
TS 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAPMAN, Thomas	SIEMENS AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-22 2004-01-14 6 . 0 . 0	Required for update of ITU-R M.1457							<i>remarks - general:</i>
	RP-24 2004-06-18 6 . 1 . 0								<i>remarks - this release:</i> created for M.1457 update
<hr/>									
TS 25.222	Multiplexing and channel coding (TDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BEALE, Martin	IPWireless Inc.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-22 2004-01-14 6 . 0 . 0	Required for update of ITU-R M.1457							<i>remarks - general:</i>
									<i>remarks - this release:</i> created for M.1457 update
<hr/>									
TS 25.223	Spreading and modulation (TDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> ANDERSON, Nicholas	IPWireless Inc.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-22 2004-01-14 6 . 0 . 0	Required for update of ITU-R M.1457							<i>remarks - general:</i>
									<i>remarks - this release:</i> created for M.1457 update
<hr/>									
TS 25.224	Physical layer procedures (TDD)								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS CORPORATION				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	RP-22 2004-01-14 6 . 0 . 0	Required for update of ITU-R M.1457							<i>remarks - general:</i>
	RP-24 2004-06-18 6 . 1 . 0								<i>remarks - this release:</i> created for M.1457 update

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

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TS 25.225	Physical layer; Measurements (TDD)								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CZAPLA, Liliana		INTERDIGITAL COMMUNICATIONS CORPORATION			
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</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	2004-04-02	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update			
<hr/>									
TS 25.301	Radio Interface Protocol Architecture								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang		ERICSSON Eurolab Deutschland GmbH			
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	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 25.302	Services provided by the physical layer								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu		NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5?			
	RP-23	2004-03-24	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update			
<hr/>									
TS 25.303	Interlayer procedures in Connected Mode								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J		Nokia Research Center			
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	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 25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARRETO, Luis		NOKIA Corporation			
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>			
	RP-23	2004-03-24	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update			
	RP-24	2004-06-17	6 . 2 . 0		get it				

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Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ARZELIER, Claude						
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>	Created from 25.923		
	RP-24	2004-06-17	6 . 1 . 0		get it	<i>remarks - this release:</i>	created for M.1457 update		
<hr/>									
TS 25.306	UE Radio Access capabilities definition								
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ARZELIER, Claude						
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>	Converted from TR 25.926 at TSG#10.		
	RP-23	2004-03-24	6 . 1 . 0		get it	<i>remarks - this release:</i>	created for M.1457 update		
	RP-24	2004-06-17	6 . 2 . 0		get it				
<hr/>									
TS 25.307	Requirements on UEs supporting a release-independent frequency band								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ARZELIER, Claude						
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0		get it	<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4		
	RP-23	2004-03-24	6 . 1 . 0		get it	<i>remarks - this release:</i>	. = RF & RMM requirements.		
<hr/>									
TS 25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ARZELIER, Claude						
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>	TS created from entrails of TR 25.855.		
	RP-23	2004-03-24	6 . 1 . 0		get it	<i>remarks - this release:</i>	created for M.1457 update		

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

TS 25.309	Enhanced uplink UTRA FDD; Stage 2								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	GODARD, Tania	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i>		<i>G:</i>	U: yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>								
	draft	0 . 0 . 1			<i>remarks - general:</i>	WI = "FDD Enhanced Uplink"			
	draft	0 . 1 . 0			<i>remarks - this release:</i>	.			
	draft	2004-07-01	0 . 2 . 0	R2-041409	get it				
	draft	2004-08-31	0 . 3 . 0	R2-041910, based on agreements of RAN1#38 and RAN2#43. New (unused) version as R2-041915.	get it				
	RP-25	2004-09-03	1 . 0 . 0		get it				
<hr/>									
TS 25.321	Medium Access Control (MAC) protocol specification								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	STADLER, Thomas	SIEMENS AG		
	<i>freeze_meeting:</i>		<i>G:</i>	U: yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>			
	RP-23	2004-03-24	6 . 1 . 0		get it	<i>remarks - this release:</i>	created for M.1457 update		
	RP-24	2004-06-17	6 . 2 . 0		get it				
<hr/>									
TS 25.322	Radio Link Control (RLC) protocol specification								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	MADLAINE, Sebastien	PHILIPS CONSUMER COMMUNICATION		
	<i>freeze_meeting:</i>		<i>G:</i>	U: yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>			
	RP-24	2004-06-17	6 . 1 . 0		get it	<i>remarks - this release:</i>	created for M.1457 update		
<hr/>									
TS 25.323	Packet Data Convergence Protocol (PDCP) specification								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	HANS, Martin	INFINEON TECHNOLOGIES		
	<i>freeze_meeting:</i>		<i>G:</i>	U: yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-12	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		

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

TS 25.324	Broadcast/Multicast Control (BMC)								
Rel-6	current version: 6.1.0			WG (prime / other): R2 / -	rapporteur: HARTL, Mike	Vodafone D2 GmbH			
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude				
	history (event, available, version, comments):								
	RP-22	2004-01-12	6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:			
	RP-24	2004-06-17	6 . 1 . 0		get it	remarks - this release: created for M.1457 update			
<hr/>									
TS 25.331	Radio Resource Control (RRC) protocol specification								
Rel-6	current version: 6.2.0			WG (prime / other): R2 / -	rapporteur: KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	freeze_meeting:			G: U: yes	MCC: ARZELIER, Claude				
	history (event, available, version, comments):								
	RP-22	2004-01-12	6 . 0 . 0		get it	remarks - general:			
	RP-21		6 . 0 . 0	RP-21: Will not be produced till more substantive CRs are approved or until Release is frozen.		remarks - this release: RP-21: Created by CR at RP-21, but will not be created until more substantive CRs are required. (Saves on maintenance work.)			
	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	2004-03-29	6 . 1 . 0		get it				
	RP-24	2004-07-02	6 . 2 . 0		get it				

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ACTIVE specs Rel-6 25 .- series
Server location: 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); Stage 2								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> PIRSKANEN, Juho				NOKIA Corporation
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</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 R2 exploder					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 2004-03-26	6 . 0 . 0						get it	
	RP-24 2004-06-17	6 . 1 . 0						get it	
<hr/>									
TS 25.401	UTRAN overall description								
Rel-6	<i>current version:</i> 6.3.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> GODIN, Philippe				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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							
	RP-24 2004-06-23	6 . 3 . 0						get it	

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

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TS 25.402	Synchronisation in UTRAN Stage 2								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	KUNZ, Walter	SIEMENS AG			
	<i>freeze_meeting:</i>	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-22 2004-01-13 6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>	New				
				<i>remarks - this release:</i>	created for M.1457 update				
<hr/>									
TS 25.409	Enhanced uplink UTRA FDD; Stage 3								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	R3 /	<i>rapporteur:</i>	STOJANOVSKI, Saso	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>	2004-08-04: Spec number reserved for eventual spec resulting from 25.909				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 25.410	UTRAN Iu Interface: General Aspects and Principles								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DIESEN, Michael	MOTOROLA Ltd			
	<i>freeze_meeting:</i>	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-22 2004-01-13 6 . 0 . 0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>	Approval at TSG#5				
	RP-24 2004-06-18 6 . 1 . 0		get it	<i>remarks - this release:</i>	created for M.1457 update				
<hr/>									
TS 25.411	UTRAN Iu interface layer 1								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	KUNZ, Walter	SIEMENS AG			
	<i>freeze_meeting:</i>	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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 25.412	UTRAN Iu interface signalling transport								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	NG, Cheng Hock	NEC Corporation			
	<i>freeze_meeting:</i>	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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				

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

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

TS 25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling									
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	GUYOT, Olivier	NOKIA Corporation			
	<i>freeze_meeting:</i>	G:			MCC:	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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	2004-04-01	6	.	1	.	0		get it	<i>remarks - this release:</i> created for M.1457 update
	RP-24	2004-06-21	6	.	2	.	0		get it	

TS 25.414	UTRAN Iu interface data transport & transport signalling									
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	ISRAELSSON, Martin	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>	G:			MCC:	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>									
	RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>
	RP-24	2004-06-18	6	.	1	.	0		get it	<i>remarks - this release:</i> created for M.1457 update

TS 25.415	UTRAN Iu interface user plane protocols									
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	ISRAELSSON, Martin	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>	G:			MCC:	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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

TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)									
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	MCWILLIAMS, Brendan	VODAFONE Group Plc			
	<i>freeze_meeting:</i>	G:			MCC:	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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	2004-04-01	6	.	1	.	0		get it	<i>remarks - this release:</i> created for M.1457 update

TS 25.420	UTRAN Iur Interface: General Aspects and Principles									
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	PALAT, Sudeep	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i>	G:			MCC:	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>									
	RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>
	RP-24	2004-06-18	6	.	1	.	0		get it	<i>remarks - this release:</i> created for M.1457 update

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

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TS 25.421	UTRAN Iur 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, comments):										
	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
<hr/>										
TS 25.422	UTRAN Iur interface signalling transport									
Rel-6	current version: 6.0.0		WG (prime / other): R3 / -	rapporteur: PALAT, Sudeep	Lucent Technologies Network Systems UK					
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen						
history (event, available, version, comments):										
	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
<hr/>										
TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling									
Rel-6	current version: 6.2.0		WG (prime / other): R3 / -	rapporteur: ERICSSON, Ingela	Telefon AB LM Ericsson					
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen						
history (event, available, version, comments):										
	RP-22 2004-01-22 6 . 0 . 0		get it	remarks - general:						
	RP-23 2004-04-01 6 . 1 . 0		get it	remarks - this release: .						
	RP-24 2004-06-23 6 . 2 . 0		get it							
<hr/>										
TS 25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams									
Rel-6	current version: 6.1.0		WG (prime / other): R3 / -	rapporteur: DREVON, Nicolas	ALCATEL S.A.					
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen						
history (event, available, version, comments):										
	RP-22 2004-01-13 6 . 0 . 0	Required for update of ITU-R M.1457	get it	remarks - general:						
	RP-23 2004-04-01 6 . 1 . 0		get it	remarks - this release: created for M.1457 update						
<hr/>										
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams									
Rel-6	current version: 6.1.0		WG (prime / other): R3 / -	rapporteur: DREVON, Nicolas	ALCATEL S.A.					
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen						
history (event, available, version, comments):										
	RP-22 2004-01-13 6 . 0 . 0		get it	remarks - general:						
	RP-23 2004-04-01 6 . 1 . 0		get it	remarks - this release: .						

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

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

TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams										
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> KEKKI, Sami		NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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	2004-04-01	6	.	1	.	0		get it	<i>remarks - this release:</i> created for M.1457 update	
	RP-24	2004-06-18	6	.	2	.	0		get it		

TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams										
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> HAKULI, Tuomas		NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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	

TS 25.430	UTRAN Iub Interface: General Aspects and Principles										
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> KOIZUMI, Yoshiko		Fujitsu Limited				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>										
	RP-22	2004-01-13	6	.	0	.	0	Required for update of ITU-R M.1457	get it	<i>remarks - general:</i>	
	RP-24	2004-06-18	6	.	1	.	0		get it	<i>remarks - this release:</i> created for M.1457 update	

TS 25.431	UTRAN Iub interface Layer 1										
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> KUNZ, Walter		SIEMENS AG				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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	

TS 25.432	UTRAN Iub interface: signalling transport										
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> KOIZUMI, Yoshiko		Fujitsu Limited				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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	

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

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ACTIVE specs Rel-6 25 .- series
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TS 25.433	UTRAN lub interface NBAP signalling								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> SEHEDIC, Yann			Nortel Networks Germany GmbH & Co. KG	
	<i>freeze_meeting:</i>		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-22	2004-01-22	6 . 0 . 0		get it			<i>remarks - general:</i>	
	RP-23	2004-04-01	6 . 1 . 0		get it			<i>remarks - this release:</i> .	
	RP-24	2004-06-23	6 . 2 . 0		get it				

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, comments):</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	2004-04-01	6 . 1 . 0		get it			<i>remarks - this release:</i> created for M.1457 update	

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, comments):</i>								
	RP-22	2004-01-13	6 . 0 . 0		get it			<i>remarks - general:</i>	
	RP-23	2004-04-01	6 . 1 . 0		get it			<i>remarks - this release:</i> .	

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, comments):</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	

TS 25.450	UTRAN lupo 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, comments):</i>								
	RP-19	2003-03-26	6 . 0 . 0		get it			<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

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

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

TS 25.451	UTRAN Iu-PS interface layer 1								
Rel-6	current version: 6.0.0		WG (prime / other): R3 /	rapporteur: JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.				
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):								
	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				
<hr/>									
TS 25.452	UTRAN Iu-PS interface: signalling transport								
Rel-6	current version: 6.0.0		WG (prime / other): R3 /	rapporteur: JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.				
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):								
	RP-19 2003-03-26 6 . 0 . 0		get it	remarks - general:					
				remarks - this release:	.				
<hr/>									
TS 25.453	UTRAN Iu-PS interface Positioning Calculation Application Part (PCAP) signalling								
Rel-6	current version: 6.5.0		WG (prime / other): R3 /	rapporteur: JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.				
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):								
	RP-19 2003-03-26 6 . 0 . 0		get it	remarks - general:					
	RP-20 2003-06-17 6 . 1 . 0		get it	remarks - this release:	.				
	RP-21 2003-09-30 6 . 2 . 0		get it						
	RP-22 2004-01-13 6 . 3 . 0		get it						
	RP-23 2004-04-06 6 . 4 . 0		get it						
	RP-24 2004-06-18 6 . 5 . 0		get it						
<hr/>									
TS 25.460	UTRAN Iu-PS interface: General aspects and principles								
Rel-6	current version: 0.1.3	DRAFT	WG (prime / other): R3 / -	rapporteur: HAUSER, Andreas	Vodafone D2 GmbH				
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):								
	draft 2004-07-22 0 . 0 . 2		get it	remarks - general:	WI UID = 23010				
	draft 0 . 1 . 2			remarks - this release:	.				
	R3-43 2004-08-30 0 . 1 . 3	R3-041245	get it						

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ACTIVE specs Rel-6 25 .- series
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TS 25.461	UTRAN Iu interface: Layer 1									
Rel-6	current version: 1.0.0		DRAFT	WG (prime / other): R3 / -	rapporteur: KUNZ, Walter	SIEMENS AG				
	freeze_meeting:			G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):									
	draft	2004-08-04	0 . 0 . 2				get it	remarks - general:	WI UID = 23010	
	R3-43	2004-08-30	1 . 0 . 0	R3-041246			get it	remarks - this release:	.	
TS 25.462	UTRAN Iu interface: Signalling transport									
Rel-6	current version: 0.1.2		DRAFT	WG (prime / other): R3 / -	rapporteur: HAUSER, Andreas	Vodafone D2 GmbH				
	freeze_meeting:			G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):									
	draft	2004-07-22	0 . 0 . 2				get it	remarks - general:	WI UID = 23010	
	draft		0 . 1 . 1				get it	remarks - this release:	.	
	R3-44	2004-08-30	0 . 1 . 2				get it			
TS 25.463	UTRAN Iu interface: Remote Electrical Tilting (RET) antennas Application Part (RETAP) signalling									
Rel-6	current version: 0.1.2		DRAFT	WG (prime / other): R3 / -	rapporteur: HAUSER, Andreas	Vodafone D2 GmbH				
	freeze_meeting:			G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):									
	draft	2004-07-22	0 . 0 . 2				get it	remarks - general:	WI UID = 23010	
	R3-43	2004-08-30	0 . 1 . 2	R3-041248			get it	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									
Rel-6	current version: Resource Management (RRM)			6.0.0	WG (prime / other): R3	/-	rapporteur: MILLER, James			
	INTERDIGITAL COMMUNICATIONS CORPORATION									
	freeze_meeting:			G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):									
	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			

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TR 25.803	S-CCPCH performance for MBMS								
Rel-6	current version: 1.4.1	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, comments):								
	R1-33	0 . 0 . 1							remarks - general:
	R1-33 2003-09-11	0 . 0 . 2							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					
	R1-37 2004-08-30	1 . 3 . 1		get it					
	R1-38 2004-08-30	1 . 4 . 0		get it					
	R1-38 2004-08-30	1 . 4 . 1		get it					

TR 25.804	Feasibility study on uplink enhancements for UTRA TDD								
Rel-6	current version: 0.2.1	DRAFT	WG (prime / other): R1 /	rapporteur: RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS CORPORATION				
	freeze_meeting:		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version, comments):								
	R1-33 2003-09-05	0 . 0 . 1	R1-030940	get it					remarks - general: 2003-09-04: anticipated approval at RP-23. WI = RInImp-FSUpEnhTDD.
	R1-36	0 . 1 . 0	R1-040383						remarks - this release: RP-25: estimate approval RP-26.
	R1-37	0 . 1 . 1	R1-040410						
	R1-37 2004-06-18	0 . 2 . 0	R1-040639	get it					
	R1-38 2004-07-23	0 . 2 . 1	R1-04819	get it					

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, comments):								
	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	claims to be a "draft"	get it					

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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, comments):								
	R4-28	0 . 0 . 0	R4-030830		remarks - general:	WI = RInImp-UMTS850 (UID 24007) & RInImp-UMTS1721 (UID 24010). 2004-01-19: title			
	R4-29	2004-01-19	0 . 1 . 0	R4-031120	get it	remarks - this release:	. changed from "UMTS 1700/2100MHz and UMTS 850MHz Work Items".		
	R4-30	1 . 0 . 0	R4-040147						
	RP-23	2004-03-05	1 . 0 . 1	RP-040051	get it				
	RP-23	2004-04-01	6 . 0 . 0		get it				
<hr/>									
TR 25.807	Low output powers for general purpose Frequency Division Duplex (FDD) Base Station (BS)								
Rel-6	current version: 6.0.0		WG (prime / other): R3 / -		rapporteur: BURGOS MARTÍNEZ, Ana	TELEFONICA S.A.			
	freeze_meeting:		G: U: yes		MCC: CALDENHOVEN, Juergen				
	history (event, available, version, comments):								
	RP-23	2004-03-22	1 . 0 . 0	RP-040076 for approval	get it	remarks - general:			
	RP-23	2004-04-01	6 . 0 . 0		get it	remarks - this release:	.		
<hr/>									
TR 25.808	Enhanced uplink for UTRA FDD; Physical layer aspects								
Rel-6	current version: 0.0.3		WG (prime / other): R1 / -		rapporteur: RANTA-AHO, Karri	NOKIA Corporation			
	freeze_meeting:		G: U: yes		MCC: SASAKI, Tsukasa				
	history (event, available, version, comments):								
	draft	2004-05-04	0 . 0 . 0	R1-040516	get it	remarks - general:			
	R1-37	2004-05-25	0 . 0 . 1	R1-040658	get it	remarks - this release:	.		
	draft	2004-07-01	0 . 0 . 2	R1-040804	get it				
	R1-38	2004-07-22	0 . 0 . 3	R1-040805, later R1-040971	get it				
<hr/>									
TR 25.852	Iu enhancements for IP Multimedia (IMS) support in UTRAN								
Rel-6	current version: 0.0.0		WG (prime / other): R3 /		rapporteur: GODIN, Philippe	NORTEL NETWORKS (EUROPE)			
	freeze_meeting:		G: U: yes		MCC: CALDENHOVEN, Juergen				
	history (event, available, version, comments):								
	RP-11	2001-04-06	0 . 0 . 0	Inherited from Rel-4.	get it	remarks - general:	2003-09-08: Title changed from "Radio access bearer support enhancements for the		
						remarks - this release:	. Iu".		

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

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

TR 25.862	RAB support for IMS									
Rel-6	current version: 1.2.0		DRAFT	WG (prime / other):	R2 / -	rapporteur:	MIKOLA, Juha	NOKIA Corporation		
	freeze_meeting:			G:	U: yes	MCC:	ARZELIER, Claude			
	history (event, available, version, comments):								remarks - general:	
	draft		0 . 0 . 0						remarks - this release:	
	Updates based on		0 . 1 . 0							
	R2-032319 and a									
	Siemens text									
	proposal.									
	R2-40		0 . 2 . 0							
	RP-23 2004-03-22		1 . 0 . 0	ex R2-41 -> RP-040122						get it
	R2-42 2004-08-04		1 . 1 . 0	R2-041643						get it
	R2-43 2004-08-30		1 . 2 . 0	R2-041914						get it

TR 25.876	Multiple Input Multiple Output (MIMO) antennae in UTRA									
Rel-6	current version: 1.5.1		DRAFT	WG (prime / other):	R1 /	rapporteur:	HUANG, Howard	Lucent Technologies		
	freeze_meeting:			G:	U: yes	MCC:	SASAKI, Tsukasa			
	history (event, available, version, comments):									
	R1-34 2003-11-03		1 . 1 . 1						remarks - general:	RP-20: reference to HSDPA removed from title
	post R1-34 2003-11-26		1 . 2 . 0	R1-031398					remarks - this release:	Timed out of Rel-5.
	R1-36 2004-02-26		1 . 2 . 1	R1-040366						
	post R1-36 2004-02-26		1 . 3 . 0	R1-040366: many editorial problems yet to be fixed						get it
	R1-37 2004-05-07		1 . 3 . 1	R1-040603						get it
	RP-24 2004-05-24		1 . 4 . 0	R1-040637 or R1-040659						get it
	draft 2004-05-26		1 . 5 . 0	R1-040661						get it
	R1-38 2004-08-30		1 . 5 . 1							get it

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

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

TR 25.887	Beamforming enhancements									
Rel-6	current version: 6.0.0	WG (prime / other):	R1 / -	rapporteur:	KAHTAVA, Jussi	Nokia Japan Co, Ltd				
	freeze_meeting:	G:	U: yes	MCC:	SASAKI, Tsukasa					
	history (event, available, version, comments):									
	R1-26	1 . 1 . 0							remarks - general:	
	R1-28	1 . 2 . 0							remarks - this release: .	
	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 2004-04-02	6 . 0 . 0					get it			
TR 25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD									
Rel-6	current version: 6.0.0	WG (prime / other):	R1 / -	rapporteur:	LI, Xiaoqiang	Indicate persons who left Company and wait for new One				
	freeze_meeting:	G:	U: yes	MCC:	SASAKI, Tsukasa					
	history (event, available, version, comments):									
	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			
TR 25.889	Feasibility study considering the viable deployment of UTRA in additional and diverse spectrum arrangements									
Rel-6	current version: 6.0.0	WG (prime / other):	R4 / -	rapporteur:	STAHLFJALL, Peter	Telefon AB LM Ericsson				
	freeze_meeting:	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version, comments):									
	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 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 documetns. So do not publish.				get it			

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ACTIVE specs Rel-6 25 .- series
Server location: 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, comments):
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:* 6.0.0 *WG (prime / other):* R1 / *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
freeze_meeting: G: U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
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](#)
R1-37 2004-05-26 1 . 2 . 0 R1-040655 [get it](#)
RP-24 2004-06-14 2 . 0 . 0 RP-040221 ex R1-37 [get it](#)
RP-24 2004-06-28 6 . 0 . 0 [get it](#)

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

TR 25.894 Enhanced UE positioning using software blanking

Rel-6 *current version:* none
freeze_meeting:

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

Indicate persons who left Company and wait for new One

history (event, available, version, comments):

remarks - general:
remarks - this release: .

TR 25.895 Analysis of higher chip rates for UTRA TDD evolution

Rel-6 *current version:* 1.4.1 DRAFT
freeze_meeting:

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

IPWireless Inc.

history (event, available, version, comments):

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
R1-37	2004-05-28	1	.	3	.	3	R1-040656
R1-38		1	.	3	.	4	
R1-38		1	.	4	.	0	
R1-38	2004-08-30	1	.	4	.	1	R1-041027

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2002-10-07: anticipate approval at RP-20. RP-23: anticipate approval RP-25.
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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ACTIVE specs Rel-6 25 .- series
Server location: 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, comments):

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 get it
post R1-33	2003-09-13	0	.	4	.	2	R1-030952 get it
RP-21	2003-09-26	1	.	0	.	0	RP-030512 get it
draft	2003-10-13	1	.	0	.	1	R1-031148 get it
R1-35	2003-11-03	1	.	0	.	2	R1-031164 get it
post R1-35		1	.	1	.	0	
post R1-35	2003-12-03	1	.	1	.	1	R1-031422 get it
post R1-35	2003-12-05	1	.	1	.	2	R1-031423 get it
draft		1	.	2	.	0	R1-040105
draft	2004-02-05	1	.	2	.	1	R1-040109 get it
R1-36		1	.	3	.	0	
R1-36	2004-02-26	1	.	3	.	1	R1-040388 get it
posat R1-36	2004-03-01	1	.	3	.	2	R1-040391 get it
RP-23	2004-03-04	2	.	0	.	0	R1-040392 -> RP-040046 get it
RP-23	2004-04-03	6	.	0	.	0	get it

WG (prime / other): R1 / -

G: U: yes

rapporteur: RANTA-AHO, Karri

MCC: SASAKI, Tsukasa

NOKIA Corporation

remarks - general:

remarks - this release: .

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

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ACTIVE specs Rel-6 25 .- series
Server location: 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	WG (prime / other): R3 / -	rapporteur: KEKKI, Sami	NOKIA Corporation				
	freeze_meeting:		G: U: yes	MCC: CALDENHOVEN, Juergen					
	history (event, available, version, comments):								
	draft	2003-01-24	0 . 1 . 1	get it	remarks - general:				
	R3-36	2003-08-19	0 . 2 . 1	get it	remarks - this release: .				
	R3-38	2003-11-06	0 . 3 . 1	get it					
			R3-031555						
<hr/>									
TR 25.898	Power control enhancements for UTRA								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): R1 / -	rapporteur: MITRA, Diptendu	NOKIA UK Ltd				
	freeze_meeting:		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version, comments):								
	R1-33	2003-09-10	0 . 1 . 0	get it	remarks - general:				
					remarks - this release: .				
<hr/>									
TR 25.899	High Speed Download Packet Access (HSDPA) enhancements								
Rel-6	current version: 6.0.0		WG (prime / other): R1 /	rapporteur: FUKUI, Noriyuki	Mitsubishi Electric Co.				
	freeze_meeting:		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version, comments):								
	draft		0 . 0 . 1	R1-021443	remarks - general:				
	R1-31		0 . 0 . 2	R1-030373	remarks - this release:	RP-23: v1.0.0 xpected RP-24. RP-24: approved, but some reservations over			
	R1-31		0 . 0 . 3	R1-030380	conclusions.				
	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					
	R1-37	2004-05-24	0 . 4 . 1	R1-040649					
	draft	2004-05-27	0 . 5 . 0	Existance deduced from report of RP-23 §8.12 (R1-040657); appears as R1-040657					
	RP-24	2004-05-28	1 . 0 . 0	RP-040222	get it				
	RP-24	2004-06-28	6 . 0 . 0		get it				

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ACTIVE specs Rel-6 25 .- series
Server location: 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> 6.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HALL, Edward	VODAFONE LTD		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</i>					
	draft 2003-07-04 0 . 1 . 1	get it	<i>remarks - general:</i>	WI UID 23011. See also 44.901.		
	RP-24 2004-06-14 1 . 0 . 0 RP-040186	get it	<i>remarks - this release:</i>	.		
	RP-24 2004-06-18 6 . 0 . 0	get it				
<hr/>						
TR 25.922	Radio resource management strategies					
Rel-6	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> HUS, Olivier	Philips Research Laboratories		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	RP-23 2004-03-24 6 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-23 2004-04-14 6 . 0 . 1 Corrects typo on front cover.	get it	<i>remarks - this release:</i>	.		
<hr/>						
TR 25.942	Radio Frequency (RF) system scenarios					
Rel-6	<i>current version:</i> 6.3.0	<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, comments):</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 2004-04-01 6 . 2 . 0	get it				
	RP-24 2004-06-24 6 . 3 . 0	get it				
<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, comments):</i>					
	RP-19 2003-03-24 2 . 0 . 0 RP-030155	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 access; U = required in systems with UMTS access.

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

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, comments):

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		get it	<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:* 6.6.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: G: U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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	2004-03-24	6	.	5	.	0		get it	
RP-24	2004-06-17	6	.	6	.	0		get it	

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

TR 25.996	Spacial channel model for Multiple Input Multiple Output (MIMO) simulations						
Rel-6	<i>current version:</i> 6.1.0	<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, comments):</i>						
	RP-19 2003-03-24 1 . 0 . 0					get it	<i>remarks - general:</i>
	RP-20 2003-06-17 2 . 0 . 0						<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	

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>	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-19 2003-04-04 6 . 0 . 0					get it	<i>remarks - general:</i> Transfer>TSG#4
							<i>remarks - this release:</i> .

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>	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-22 2004-01-06 6 . 0 . 0					get it	<i>remarks - general:</i>
	SP-23 2004-04-01 6 . 1 . 0					get it	<i>remarks - this release:</i> .

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>	G: U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
							<i>remarks - general:</i> WI = "Media Codecs and Formats for IMS Messaging and Presence" UID 32045.
							<i>remarks - this release:</i> .

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

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

TS 26.234	Transparent end-to-end streaming service; Protocols and codecs								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	FRANCESCHI, Olle	Nippon Ericsson K.K.			
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	SP-24 2004-06-18 6 . 0 . 0			get it	<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.			
<hr/>									
TS 26.235	Packet switched conversational multimedia applications; Default codecs								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	OJALA, Pasi	Nokia Research Center			
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	SP-20 2003-06-25 6 . 0 . 0			get it	<i>remarks - general:</i>				
	SP-24 2004-06-18 6 . 1 . 0			get it	<i>remarks - this release:</i>	.			
<hr/>									
TS 26.236	Packet switched conversational multimedia applications; Transport protocols								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	OJALA, Pasi	Nokia Research Center			
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	SP-24 2004-06-18 6 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
<hr/>									
TS 26.243	ANSI C code for the fixed-point distributed speech recognition extended advanced front-end								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S4 /	<i>rapporteur:</i>	PEARCE, David	MOTOROLA Ltd			
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	SP-23 2004-03-22 1 . 0 . 0	SP-040064 (no C code included)		get it	<i>remarks - general:</i>	WI UID = 34700			
	SP-24 2004-06-14 2 . 0 . 0	SP-040343		get it	<i>remarks - this release:</i>	.			
	SP-24 2004-06-18 6 . 0 . 0			get it					

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

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

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, comments):
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 2004-03-22 2 . 0 . 0 SP-040065 [get it](#)
SP-23 2004-04-01 6 . 0 . 0 [get it](#)

TS 26.245 Transparent end-to-end Packet witched Streaming Service (PS); Timed text format

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, comments):
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](#)
SP-24 2004-06-14 2 . 0 . 0 SP-040344 [get it](#)
SP-24 2004-06-18 6 . 0 . 0 [get it](#)

TS 26.246 Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* GRASSEL, Guido NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
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](#)
SP-24 2004-06-14 2 . 0 . 0 SP-040345 [get it](#)
SP-24 2004-06-18 6 . 0 . 0 [get it](#)

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

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

TS 26.273	Fixed-point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec					
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: VAINIO, Janne	NOKIA Corporation	
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino		
	history (event, available, version, comments):					
	draft	0 . 5 . 0				remarks - general:
	draft	2004-06-14	0 . 5 . 3	get it		remarks - this release: .
	draft	2004-06-17	0 . 5 . 4	get it		
	SP-24	2004-06-14	1 . 0 . 0	get it	SP-040425	
<hr/>						
TS 26.290	Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions					
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: VAINIO, Janne	NOKIA Corporation	
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino		
	history (event, available, version, comments):					
	draft	2004-05-25	0 . 5 . 0	based on very old template!	get it	remarks - general:
	draft	2004-06-17	0 . 5 . 6	get it		remarks - this release: .
	SP-24	2004-06-14	1 . 0 . 0	get it	SP-040426	
<hr/>						
TS 26.304	Floating--point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec					
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: VAINIO, Janne	NOKIA Corporation	
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino		
	history (event, available, version, comments):					
	draft	0 . 5 . 0				remarks - general:
	draft	2004-06-14	0 . 5 . 3	get it		remarks - this release: .
	draft	2004-06-17	0 . 5 . 5	get it		
	SP-24	2004-06-14	1 . 0 . 0	get it	SP-040427	
<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: CURCIO, Igor	NOKIA Corporation	
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino		
	history (event, available, version, comments):					
	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.

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

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

TS 26.401	General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: KUNZ, Oliver	Coding Technologies GmbH				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
	history (event, available, version, comments):								
	S4-31	2004-05-25	0 . 0 . 1	get it	remarks - general:				
	SP-24	2004-06-14	1 . 0 . 0	get it	remarks - this release: .				
<hr/>									
TS 26.402	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: KUNZ, Oliver	Coding Technologies GmbH				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
	history (event, available, version, comments):								
	S4-31	2004-05-25	0 . 0 . 1	get it	remarks - general:				
	SP-24	2004-06-14	1 . 0 . 0	get it	remarks - this release: .				
<hr/>									
TS 26.403	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: KUNZ, Oliver	Coding Technologies GmbH				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
	history (event, available, version, comments):								
	S4-31	2004-05-25	0 . 0 . 1	get it	remarks - general:				
	SP-24	2004-06-14	1 . 0 . 0	get it	remarks - this release: .				
<hr/>									
TS 26.404	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: KUNZ, Oliver	Coding Technologies GmbH				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
	history (event, available, version, comments):								
	S4-31	2004-05-25	0 . 0 . 1	get it	remarks - general:				
	SP-24	2004-06-14	1 . 0 . 0	get it	remarks - this release: .				
<hr/>									
TS 26.405	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S4 / -	rapporteur: KUNZ, Oliver	Coding Technologies GmbH				
	freeze_meeting:		G: U: yes	MCC: USAI, Paolino					
	history (event, available, version, comments):								
	S4-31	2004-05-25	0 . 0 . 1	get it	remarks - general:				
	SP-24	2004-06-14	1 . 0 . 0	get it	remarks - this release: .				

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

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

TS 26.410	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> KUNZ, Oliver		Coding Technologies GmbH
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	USAI, Paolino
	<i>history (event, available, version, comments):</i>					
	draft	2004-06-14	0	.	0	. 1
	draft	2004-06-14	0	.	0	. 2
	SP-24	2004-06-24	1	.	0	. 0 SP-040433
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i> .		
			get it			
<hr/>						
TS 26.411	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> KUNZ, Oliver		Coding Technologies GmbH
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	USAI, Paolino
	<i>history (event, available, version, comments):</i>					
	<i>remarks - general:</i>					
	<i>remarks - this release:</i> .					
<hr/>						
TR 26.935	Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BERTENYI, Balazs		NOKIA Corporation
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	USAI, Paolino
	<i>history (event, available, version, comments):</i>					
	SP-23	2004-03-22	1	.	0	. 0 SP-040063
	S4-30	2004-05-12	1	.	4	. 0 S4-040218
	SP-24	2004-06-14	2	.	0	. 0 SP-040342
	SP-24	2004-06-18	6	.	0	. 0
			get it	<i>remarks - general:</i> 2004-01-05: Drafted by Dynasat (Alan Sharpley & Ira Panzer) under 3GPP Guest		
			get it	<i>remarks - this release:</i> status. To be approved at S4-30.		
			get it			
			get it			
<hr/>						
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor		Nokia Telecommunications Inc.
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	USAI, Paolino
	<i>history (event, available, version, comments):</i>					
	SP-23	2004-04-01	6	.	0	. 0
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 26.946	Multimedia Broadcast/Multicast Service (MBMS) user service guidelines					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LOHMAR, Thorsten		Nippon Ericsson K.K.
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	USAI, Paolino
	<i>history (event, available, version, comments):</i>					
	<i>remarks - general:</i>					
	<i>remarks - this release:</i> .					
<hr/>						

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

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

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

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

Rel-6 *current version:* 6.5.0

WG (prime / other): T2 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.
G: yes U: yes *MCC:* RODERMUND, Friedhelm

freeze_meeting:

history (event, available, version, comments):

TP-16	2002-06-25	6	.	0	.	0
TP-18	2002-12-20	6	.	1	.	0
TP-19	2003-03-31	6	.	2	.	0
TP-20	2003-06-23	6	.	3	.	0
TP-21	2003-10-03	6	.	4	.	0
TP-24	2004-06-17	6	.	5	.	0

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

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

Rel-6 *current version:* 6.0.0

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

freeze_meeting:

history (event, available, version, comments):

NP-24	2004-06-18	6	.	0	.	0
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[get it](#) *remarks - general:* GPRS
remarks - this release: .

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

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

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ACTIVE specs Rel-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:* 6.6.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-18	2003-01-09	6	.	0	.	0	get it <i>remarks - general:</i>
NP-19	2003-04-04	6	.	1	.	0	get it <i>remarks - this release:</i>
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	2004-03-23	6	.	5	.	0	get it
NP-24	2004-06-17	6	.	6	.	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-6 *current version:* Procedures and the Mobile Application Part (MAP) 6.3.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo
TeliaSonera AB

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

history (event, available, version, comments):

MP-21	2003-10-09	6	.	0	.	0	get it <i>remarks - general:</i> Transfer>TSG#4 (transfer??)
NP-22	2004-01-12	6	.	1	.	0	get it <i>remarks - this release:</i> .
NP-23	2004-03-23	6	.	2	.	0	get it
NP-24	2004-06-15	6	.	3	.	0	get it

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* DAWES, Peter VODAFONE LTD
freeze_meeting: G: yes U: yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-24	2004-06-21	6	.	0	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-19 2003-04-04 6 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-20 2003-06-27 6 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-21 2003-10-09 6 . 2 . 0	get it			
	NP-22 2004-01-12 6 . 3 . 0	get it			
	NP-23 2004-03-24 6 . 4 . 0	get it			
	NP-24 2004-06-15 6 . 5 . 0	get it			

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	NP-23 2004-03-22 6 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the Public	
	NP-24 2004-06-18 6 . 1 . 0	get it	<i>remarks - this release:</i>	. 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	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-22 2004-01-22 6 . 0 . 0	get it	<i>remarks - general:</i>	NP-24: txferred to N4 on closure of N2.	
	NP-23 2004-03-29 6 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-24 2004-06-17 6 . 2 . 0	get it			

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</i>				
	RP-22 2004-01-13 6 . 0 . 0	get it	<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)	
			<i>remarks - this release:</i>		
	RP-24 2004-06-18 6 . 1 . 0	get it			

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

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

TS 29.109	Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Protocol details			
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LAITINEN, Lauri NOKIA Corporation
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i>			
	draft	0 . 0 . 0	2003-10	<i>remarks - general:</i> WI = SEC1-SC (UID 14504). NP-24 title changed from "Bootstrapping and subscriber
	N4-21	0 . 1 . 0		<i>remarks - this release:</i> . certificates; Diameter protocols; Stage 3"
	N4-22	2004-04-01	0 . 2 . 0	get it
	N4-23	0 . 3 . 0		
	NP-24	2004-06-14	1 . 0 . 0	NP-040231 get it

TS 29.140	Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3			
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HABERMANN, Steffen T-Mobile International AG
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm
	<i>history (event, available, version, comments):</i>			
				<i>remarks - general:</i> The MM10 interface is between MMS Relay/Server and MSCF (Messaging Service
				<i>remarks - this release:</i> . Control Function)

TS 29.161	Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks			
Rel-6	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> RÄSÄNEN, Juha NOKIA Corporation
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>			
	N3-31	2004-02-23	0 . 0 . 1	N3-040108 but several subsequent drafts get it <i>remarks - general:</i> WI UID = 14013.
				with same version number exist <i>remarks - this release:</i> .
	N3-31b	2004-04-01	0 . 1 . 0	History box not updated since v0.0.1 get it
	N3-32	2004-05-18	0 . 2 . 0	get it
	N3-33	2004-08-30	2 . 0 . 0	get it

TS 29.162	Interworking between the IM CN subsystem and IP networks			
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> HOLLAND, Nigel mm02 plc
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>			
				<i>remarks - general:</i>
				<i>remarks - this release:</i> Work item moved to Rel-6.

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

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

TS 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-6 *current version:* 6.3.0 *WG (prime / other):* N3 / *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

N3-25	2003-01-20	1 . 4 . 1		get it	<i>remarks - general:</i>
NP-19	2003-03-06	1 . 5 . 0		get it	<i>remarks - this release:</i> 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	2004-03-22	6 . 2 . 0		get it	
NP-24	2004-06-28	6 . 3 . 0		get it	

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

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, comments):

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	<i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6 . 0 . 1	J2EE code supplied	get it	
NP-24	2004-09-01	6 . 1 . 0	Late availability due to need for proprietary technology not available to MCC.	get it	

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

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

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

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, comments):

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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied get it
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

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, comments):

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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied get it
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-20	2003-06-27	6	.	0	.	0	get it <i>remarks - general:</i>
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 <i>remarks - this release:</i> .
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

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

TS 29.198-04-2 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:* 6.1.0 *WG (prime / other):* N5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.

freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	<i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied	get it	
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC.	get it	

TS 29.198-04-3 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:* 6.2.0 *WG (prime / other):* N5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.

freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-20	2003-06-27	6	.	0	.	0		get it	<i>remarks - general:</i>
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	<i>remarks - this release:</i> .
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC.	get it	

TS 29.198-04-4 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:* 6.2.0 *WG (prime / other):* N5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.

freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-20	2003-06-27	6	.	0	.	0		get it	<i>remarks - general:</i>
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	<i>remarks - this release:</i> .
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC.	get it	

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

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

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

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, comments):

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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied get it
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-20	2003-06-27	6	.	0	.	0	
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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-24	2004-09-01	6	.	2	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

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, comments):

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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied get it
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

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

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

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, comments):

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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied get it
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

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, comments):

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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied get it
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

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, comments):

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 <i>remarks - general:</i> <i>remarks - this release:</i> .
NP-22	2004-02-18	6	.	0	.	1	J2EE code supplied get it
NP-24	2004-09-01	6	.	1	.	0	Late availability due to need for proprietary technology not available to MCC. get it

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

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

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

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, comments):
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
NP-24 2004-09-01 6 . 1 . 0 [get it](#) Late availability due to need for proprietary technology not available to MCC.

TS 29.199-1 Open Service Access (OSA); Parlay X web services; Part 1: Overview and common data definitions

Rel-6 *current version:* 1.0.3 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, comments):
NP-24 2004-06-14 1 . 0 . 3 NP-040274 [get it](#) *remarks - general:*
remarks - this release: .

TS 29.199-2 Open Service Access (OSA); Parlay X web services; Part 2: Third party call

Rel-6 *current version:* 1.0.3 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, comments):
NP-24 2004-06-14 1 . 0 . 3 NP-040274 [get it](#) *remarks - general:*
remarks - this release: .

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

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

TS 29.199-3	Open Service Access (OSA); Parlay X web services; Part 3: Network-initiated third party call						
Rel-6	current version: 1.0.3	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, comments):						
	NP-24 2004-06-14 1 . 0 . 3	NP-040274				get it	remarks - general: remarks - this release: .
<hr/>							
TS 29.199-4	Open Service Access (OSA); Parlay X web services; Part 4: Short Message Service (SMS)						
Rel-6	current version: 1.0.3	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, comments):						
	NP-24 2004-06-14 1 . 0 . 3	NP-040274				get it	remarks - general: remarks - this release: .
<hr/>							
TS 29.199-5	Open Service Access (OSA); Parlay X web services; Part 5: Multimedia Message Service (MMS)						
Rel-6	current version: 1.0.3	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, comments):						
	NP-24 2004-06-14 1 . 0 . 3	NP-040274				get it	remarks - general: remarks - this release: .
<hr/>							
TS 29.199-6	Open Service Access (OSA); Parlay X web services; Part 6: Payment						
Rel-6	current version: 1.0.3	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, comments):						
	NP-24 2004-06-14 1 . 0 . 3	NP-040274				get it	remarks - general: remarks - this release: .
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TS 29.199-7	Open Service Access (OSA); Parlay X web services; Part 7: Account management						
Rel-6	current version: 1.0.3	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, comments):						
	NP-24 2004-06-14 1 . 0 . 3	NP-040274				get it	remarks - general: remarks - this release: .

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

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

TS 29.199-8	Open Service Access (OSA); Parlay X web services; Part 8: User status								
Rel-6	<i>current version:</i> 1.0.3	DRAFT	<i>WG (prime / other):</i> N5 / -	<i>rapporteur:</i> VAN RIJSSEN, Erwin	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	NP-24	2004-06-14	1 . 0 . 3	NP-040274	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
TS 29.199-9	Open Service Access (OSA); Parlay X web services; Part 9: Terminal location								
Rel-6	<i>current version:</i> 1.0.3	DRAFT	<i>WG (prime / other):</i> N5 / -	<i>rapporteur:</i> VAN RIJSSEN, Erwin	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	NP-24	2004-06-14	1 . 0 . 3	NP-040274	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
TS 29.200	Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> JANSSON, Jari	NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
						<i>remarks - general:</i>	Work item description in N4-021258.		
						<i>remarks - this release:</i>	.		
<hr/>									
TS 29.207	Policy control over Go interface								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G:</i> yes U: yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
	NP-24	2004-06-18	6 . 0 . 0		get it	<i>remarks - general:</i>	NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".		
						<i>remarks - this release:</i>	.		
<hr/>									
TS 29.208	End to end Quality of Service (QoS) signalling flows								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> SILLANPÄÄ, Anna	NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G:</i> yes U: yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
	NP-24	2004-06-18	6 . 0 . 0		get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		

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

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

TS 29.209	Policy control over Gq interface								
Rel-6	current version: 2.0.0	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, comments):								
	N3-29	2003-09-01	0 . 0 . 1		get it	remarks - general:			
	N3-31	2004-03-22	0 . 0 . 2	N3-040135	get it	remarks - this release:	.		
	N3-31b	2004-04-27	0 . 1 . 0	N3-040250	get it				
	NP-24	2004-05-25	1 . 0 . 0	NP-040243 ex N3-32	get it				
	N3-33	2004-08-30	2 . 0 . 0		get it				

TS 29.210	Charging rule provisioning over Gx interface								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha			NOKIA Corporation
	freeze_meeting:		G:	U: yes	MCC:	BOSWARTHICK, David			
	history (event, available, version, comments):								
	N3-31b		0 . 0 . 1			remarks - general:	WI URL = 35017		
	draft		0 . 1 . 0			remarks - this release:	.		
	draft		0 . 2 . 0						
	draft		0 . 3 . 0						
	N3-32		0 . 4 . 0						
	NP-25	2004-08-30	1 . 0 . 0	ex N3-33.	get it				

TS 29.228	IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents								
Rel-6	current version: 6.3.0		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, comments):								
	NP-21	2003-10-09	6 . 0 . 0		get it	remarks - general:	Additional rapporteur: Miguel-Angel Pallares-Lopez		
	NP-22	2004-01-12	6 . 1 . 0		get it	remarks - this release:	.		
	NP-23	2004-03-24	6 . 2 . 0		get it				
	NP-24	2004-06-15	6 . 3 . 0		get it				

TS 29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details								
Rel-6	current version: 6.1.0		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, comments):								
	NP-23	2004-03-24	6 . 0 . 0		get it	remarks - general:	2nd rapporteur: CZOMA, Balazs.		
	NP-24	2004-06-15	6 . 1 . 0		get it	remarks - this release:	.		

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

TS 29.230 Diameter applications; 3GPP specific codes and identifiers

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / *rapporteur:* TAMMI, Kalle NOKIA Corporation
freeze_meeting: *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:* WI UID = 14014
N2-22b 0 . 1 . 0 *remarks - this release:* .
draft 0 . 2 . 0
draft 0 . 3 . 0
draft 0 . 4 . 0
NP-24 2004-06-14 1 . 0 . 0 NP-040232 [get it](#)
NP-24 2004-06-14 2 . 0 . 0 NP-040289 [get it](#)
NP-24 2004-06-15 6 . 0 . 0 [get it](#)

TS 29.234 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3

Rel-6 *current version:* 1.7.0 DRAFT *WG (prime / other):* N4 / N2 *rapporteur:* SITCH, Paul NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
draft 0 . 2 . 0 *remarks - general:* Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking",
NP-21 2003-09-29 1 . 0 . 0 NP-030400 [get it](#) *remarks - this release:* . see N4-030221 (né N4-030157). NP-24: Secretary reports correct WI is NP-040224.
N4-21 2004-01-12 1 . 1 . 0 [get it](#)
N4-22 2004-03-22 1 . 2 . 0 [get it](#)
post N4-22 2004-04-01 1 . 2 . 1 this version not shown in change history [get it](#)
N4-22b 1 . 3 . 0
N4-22b 1 . 3 . 1 Incorporate Tdoc N4-040475
post N4-22b 2004-04-27 1 . 3 . 2 Editorial corrections based by 3GPP TS [get it](#)
21.801
N4-23 2004-06-18 1 . 4 . 0 N4-040745 [get it](#)
N4-23b 2004-06-29 1 . 5 . 0 N4-040856 [get it](#)
N4-24 1 . 6 . 0 N4-041200
post N4-24 2004-08-30 1 . 7 . 0 [get it](#)

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TS 29.240	Generic User Profile (GUP); Stage 3; Network								
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	draft	0 . 0 . 0							
	N4-20	2003-10-08	0 . 1 . 0	get it	<i>remarks - general:</i> Cf work item "Generic user profile" - may be renumbered to 27.241				
	N4-22	2004-04-01	0 . 2 . 0	get it	<i>remarks - this release:</i> 2003-03-05: Delayed from Rel-5.				
	N4-22b	2004-04-27	0 . 3 . 0	get it		N4-040492			

TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-22	2004-01-12	6 . 0 . 0	get it	<i>remarks - general:</i> NP-21: Title changed to include Dh interface as well as Sh.				
	NP-23	2004-03-24	6 . 1 . 0	get it	<i>remarks - this release:</i> .				
	NP-24	2004-06-15	6 . 2 . 0	get it					

TS 29.329	Sh interface based on the Diameter protocol								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-23	2004-03-24	6 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-24	2004-06-15	6 . 1 . 0	get it	<i>remarks - this release:</i> .				

TS 29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mn interface; Stage 3								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	draft	0 . 0 . 0	2002-09		<i>remarks - general:</i> 2002-05-30: Created in response to proposed new WI in N4-020773.				
	N4-16	0 . 0 . 1			<i>remarks - this release:</i> Anticipated change control at NP-22.				
	N4-17	0 . 1 . 0							
	N4-18	0 . 2 . 0							
	N4-19	0 . 3 . 0							
	N4-22	2004-04-01	0 . 4 . 0	get it					
	NP-24	2004-06-15	1 . 0 . 0	get it		NP-040223			

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

TS 29.333 Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3

Rel-6 *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, comments):
remarks - general:
remarks - this release: .

TR 29.846 Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description

Rel-6 *current version:* 2.0.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* HERRERO, Christian Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

draft		0	.	0	.	1		
N3-27		0	.	1	.	0	N1-0300277	
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	2004-08-30	1	.	1	.	0		get it
N1-33	2004-03-01	1	.	2	.	0		get it
N1-33b	2004-04-27	1	.	3	.	0		get it
past N1-33b	2004-04-28	1	.	3	.	1		get it
N1-34	2004-05-28	1	.	4	.	0		get it
N1-34b	2004-06-29	1	.	5	.	0		get it
post N1-35	2004-08-30	1	.	6	.	0		get it
NP-25	2004-09-03	2	.	0	.	0	NP-040368	get it

remarks - general:
remarks - this release: .

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TR 29.847	Conferencing based on SIP, SDP, and other protocols; Functional models, information flows and protocol details				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MAYER, Georg	NOKIA Corporation	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana
	<i>history (event, available, version, comments):</i>				
	draft	0 . 0 . 0		<i>remarks - general:</i>	
	N1-29 2003-05-06	0 . 1 . 0		<i>remarks - this release:</i> .	
	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	
	N1-33b 2004-04-05	1 . 4 . 0		get it	
	N1.34 2004-05-18	2 . 0 . 0	N1.34	get it	
	NP-24 2004-05-25	2 . 0 . 1	post N1.34 editos -> NP-040194	get it	
	NP-24 2004-06-14	6 . 0 . 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	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>				
	NP-18 2003-01-06	1 . 0 . 0	NP-020610	get it	<i>remarks - general:</i>
	NP-19 2003-03-06	1 . 1 . 0	NP-030073. Will be reviewed N1-28, N3-27.	get it	<i>remarks - this release:</i> .
	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	

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

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

Rel-6 *current version:* 6.0.3 *WG (prime / other):* N5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-22	2004-01-15	6	.	0	.	0		get it	<i>remarks - general:</i>	Evidence for existence unearthed in N5-020143.
edito post NP-23	2004-03-29	6	.	0	.	1	updates IETF references	get it	<i>remarks - this release:</i>	.
edito	2004-04-27	6	.	0	.	2	Updated reference to use RFC number.	get it		
edito post NP-24	2004-06-24	6	.	0	.	3	RFC no.	get it		

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, comments):

draft	2001-11-23	0	.	9	.	3	Inherited from R99.	get it	<i>remarks - general:</i>	
R3-37	2003-10-13	0	.	11	.	0	R3-030923	get it	<i>remarks - this release:</i>	Continues work started in R99 document.

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

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-6 *current version:* 6.2.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: G: U: yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-17	2002-09-18	6	.	0	.	0		get it	<i>remarks - general:</i>	Contents is a reference to ETSI TR 102 221.
TP-18	2003-01-02	6	.	1	.	0		get it	<i>remarks - this release:</i>	TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.
TP-20	2003-06-23	6	.	2	.	0		get it		

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ACTIVE specs Rel-6 31 .- series
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TS 31.102	Characteristics of the USIM application								
Rel-6	<i>current version:</i> 6.6.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	RUBON, Jean-Francois	GEMPLUS S.A.			
	<i>freeze_meeting:</i>	<i>G:</i>	U: yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	TP-18 2003-01-02	6 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-19 2003-04-01	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	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 2004-03-25	6 . 5 . 0		get it					
	TP-24 2004-06-24	6 . 6 . 0		get it					

TS 31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application								
Rel-6	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i>	T3 /	<i>rapporteur:</i>	RUBON, Jean-Francois	GEMPLUS S.A.			
	<i>freeze_meeting:</i>	<i>G:</i> yes	U: yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	TP-18 2003-01-02	6 . 0 . 0		get it	<i>remarks - general:</i>	2004-05-07:additional	rapporteur: Peter Vestergaad.		
	TP-19 2003-03-26	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-20 2003-06-23	6 . 2 . 0		get it					
	TP-23 2004-03-26	6 . 3 . 0		get it					
	TP-24 2004-06-15	6 . 4 . 0		get it					

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
Rel-6	<i>current version:</i> 6.2.0	<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>	<i>G:</i> yes	U: yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	TP-22 2004-01-12	6 . 0 . 0		get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.			
	TP-23 2004-03-25	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-24 2004-06-15	6 . 2 . 0		get it					

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TS 31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes				
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	TP-16	2002-06-19	6 . 0 . 0	get it	<i>remarks - general:</i>
	TP-17	2002-09-25	6 . 1 . 0	get it	<i>remarks - this release:</i> .
	TP-19	2003-03-26	6 . 2 . 0	get it	

TS 31.114	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter protocol and administration				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael	GIESECKE & DEVRIENT GmbH	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i> JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	<i>remarks - general:</i>				
	<i>remarks - this release:</i> TP-15: Enhancements to Rel-5 envisaged.				

TS 31.115	Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications				
Rel-6	<i>current version:</i> 6.3.0	<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>	G:	U: yes	<i>MCC:</i> JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	TP-16	2002-06-26	2 . 0 . 0	TP-020126	get it
	TP-16	2002-06-19	6 . 0 . 0		get it
	TP-17	2002-09-23	6 . 1 . 0		get it
	TP-18	2003-01-02	6 . 2 . 0		get it
	TP-22	2004-01-12	6 . 3 . 0		get it
	<i>remarks - general:</i> additional rapporteur: Florence Martin.				
	<i>remarks - this release:</i> SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.				

TS 31.116	Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications				
Rel-6	<i>current version:</i> 6.4.0	<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>	G: yes	U: yes	<i>MCC:</i> JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	TP-16	2002-06-26	2 . 0 . 0	TP-020127	get it
	TP-16	2002-06-19	6 . 0 . 0		get it
	TP-17	2002-09-23	6 . 1 . 0		get it
	TP-18	2003-01-02	6 . 2 . 0		get it
	TP-19	2003-03-26	6 . 3 . 0		get it
	TP-23	2004-03-25	6 . 4 . 0		get it
	<i>remarks - general:</i> additional rapporteur: Florence Martin				
	<i>remarks - this release:</i> SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.				

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

TS 31.130	(U)SIM Application Programming Interface API; (U)SIM API for Java Card(TM)								
Rel-6	current version: 6.0.1	WG (prime / other):	T3	/ -	rapporteur:	JOLIVET, Paul	DoCoMo Europe S.A.		
	freeze_meeting:	G: yes	U: yes		MCC:	JURISIC, Andrijana			
	history (event, available, version, comments):								
	TP-20 2003-06-17	1 . 0 . 0	TP-030127		get it	remarks - general:			
	TP-23 2004-04-07	2 . 0 . 0	TP-040030		get it	remarks - this release:	TP-20: Target for approval: TP-21.		
	TP-23 2004-03-25	6 . 0 . 0			get it				
	TP-23 2004-07-22	6 . 0 . 1	addition of Javascript file		get it				

TS 31.131	C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API								
Rel-6	current version: 6.1.0	WG (prime / other):	T3	/	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH		
	freeze_meeting:	G:	U: yes		MCC:	JURISIC, Andrijana			
	history (event, available, version, comments):								
	TP-17 2002-09-24	2 . 0 . 0	TP-020219		get it	remarks - general:	Test spec is 34.131.		
	TP-17 2002-09-27	6 . 0 . 0			get it	remarks - this release:	.		
	TP-19 2003-03-26	6 . 1 . 0			get it				

TS 31.213	Test Specification for (U)SIM API for Java(TM) Card								
Rel-6	current version: none	WG (prime / other):	T3	/ -	rapporteur:	BEGASSAT, Christophe	Axalto S.A.		
	freeze_meeting:	G:	U: yes		MCC:	JURISIC, Andrijana			
	history (event, available, version, comments):								
						remarks - general:	WI in TP-040032 at TP-23.		
						remarks - this release:	.		

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

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

TR 31.919	2G/3G Java Card(TM) Application Programming Interface (API) based applet interworking					
Rel-6	current version: 6.0.0	WG (prime / other): T3 / -	rapporteur: ANDRAU, Stéphane	OBERTHUR CARD SYSTEMS S.A.		
	freeze_meeting:	G: yes U: yes	MCC: JURISIC, Andrijana			
history (event, available, version, comments):						
	draft	0 . 1 . 0		remarks - general:	WI UID = 43005.	
	draft	0 . 2 . 0		remarks - this release:	.	
	T3-27	0 . 3 . 0				
	TP-20	2003-06-17	1 . 0 . 0	TP-030128	get it	
	draft	1 . 1 . 0				
	T3-28	1 . 1 . 1				
	draft	1 . 1 . 2				
	draft	1 . 2 . 0				
	draft	1 . 3 . 0				
	draft	1 . 3 . 1				
	TP-23	2004-03-22	1 . 3 . 2	ex T3-30 -> TP-040031	get it	
	TP-23	2004-03-25	6 . 0 . 0		get it	

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

TS 32.101	Telecommunication management; Principles and high level requirements					
Rel-6	current version: 6.0.0	WG (prime / other): S5 / -	rapporteur: TRUSS, Michael	MOTOROLA Ltd		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version, comments):						
	SP-24	2004-06-15	6 . 0 . 0		get it	remarks - general: remarks - this release: .

TS 32.102	Telecommunication management; Architecture					
Rel-6	current version: 6.3.0	WG (prime / other): S5 / -	rapporteur: BERGGREN, Tommy	TeliaSonera AB		
	freeze_meeting:	G: U: yes	MCC: ZOICAS, Adrian			
history (event, available, version, comments):						
	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	2004-03-23	6 . 2 . 0		get it	
	SP-24	2004-06-15	6 . 3 . 0		get it	

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

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: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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 (IS)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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 2004-03-23 6 . 1 . 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 (SS)

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, comments):
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 (SS)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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 2004-03-24 6 . 1 . 0 [get it](#)

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

TS 32.140	Telecommunication 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>	G: yes U: yes		<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-15 2002-03-19	1 . 0 . 0	SP-020012 (originally Rel-5)	get it	<i>remarks - general:</i>	2004-03-29: S5 Project Manager: "services operations management" removed from title.			
	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 2004-03-23	6 . 2 . 0		get it					

TS 32.141	Telecommunication 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>	G: yes U: yes		<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-19 2003-03-27	1 . 0 . 0	SP-030042	get it	<i>remarks - general:</i>	2004-03-29: S5 Project Manager: "services operations management" removed from title.			
	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 2004-03-23	6 . 1 . 0		get it					

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>	G: yes U: yes		<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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 from			
	SP-22 2004-01-05	1 . 0 . 0	SP-030613	get it	<i>remarks - this release:</i>	."Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2". 2003-12-03: title changed from			
	SP-23 2004-03-22	2 . 0 . 0	SP-040113	get it		"Telecommunication management; Integration Reference Point (IRP): Introduction and definitions".			
	SP-23 2004-03-22	6 . 0 . 0		get it					

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>	G: yes U: yes		<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-22 2004-01-05	1 . 0 . 0	SP-030614	get it	<i>remarks - general:</i>				
	SP-23 2004-03-22	2 . 0 . 0	SP-040114	get it	<i>remarks - this release:</i>	.			
	SP-23 2004-03-22	6 . 0 . 0		get it					

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

TS 32.152	Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-22	2004-01-05	1 . 0 . 0		SP-030615	get it	<i>remarks - general:</i>		
	SP-23	2004-03-22	2 . 0 . 0		SP-040115	get it	<i>remarks - this release:</i>	.	
	SP-23	2004-03-22	6 . 0 . 0			get it			
	SP-24	2004-06-15	6 . 1 . 0			get it			
<hr/>									
TS 32.171	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	draft	2003-08-22	0 . 1 . 0			get it	<i>remarks - general:</i>	2004-03-29: S5 Project Manager: "service operations management" in title changed to	
	SP-22	2004-01-05	1 . 0 . 0		SP-030616	get it	<i>remarks - this release:</i>	. "telecommunication management". SP-24: "resources" in title changed to "Network Resource Model (NRM)".	
	SP-24	2004-06-14	2 . 0 . 0		SP-040238	get it			
	SP-24	2004-06-15	6 . 0 . 0			get it			
<hr/>									
TS 32.172	Telecommunication management; Subscription Management (SuM) resources Integration Reference Point (IRP); Network Resources Model (NRM)								
Rel-6	<i>current version:</i> 1.2.2	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WIKBERG, Ove	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	draft	2003-08-22	0 . 1 . 0			get it	<i>remarks - general:</i>	2004-03-29: S5 Project Manager: "service operations management" in title changed to	
	draft	2003-09-30	0 . 2 . 0			get it	<i>remarks - this release:</i>	. "telecommunication management".	
	SP-22	2004-01-05	1 . 0 . 0		SP-030617	get it			
	draft	2004-08-03	1 . 2 . 2		S5-042433r1	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>		G: U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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 International AG	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	SP-22	2004-01-05	1 . 0 . 0	SP-030624	get it	<i>remarks - general:</i>
	SP-23	2004-03-22	2 . 0 . 0	SP-040140	get it	<i>remarks - this release:</i> .
	SP-23	2004-03-22	6 . 0 . 0		get it	

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> NENNER, Karl-Heinz	T-Mobile International AG	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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> 0.2.1	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> NENNER, Karl-Heinz	T-Mobile International AG	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	draft		0 . 2 . 0			<i>remarks - general:</i>
	draft	2004-06-22	0 . 2 . 1	S5-044256 - history box claims odd curious version numbers, not to be believed	get it	<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> ALEXANDER, Benni	NOKIA Corporation	
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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	2004-03-22	1 . 0 . 0	SP-040144	get it	

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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>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	2003-09-29	1 . 0 . 0	SP-030411	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
TS 32.272	Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging								
Rel-6	<i>current version:</i> 0.0.2	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-Mobile International AG				
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	draft	2004-05-24	0 . 0 . 2	History claims that this is v0.1.0.	get it	<i>remarks - general:</i>	SP-24: this spec is a straw man for shooting down by OMA; it may never reach		
						<i>remarks - this release:</i>	. maturity.		
<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> GOERMER, Gerald	SIEMENS AG				
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
						<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		

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

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TS 32.296	Telecommunication management; Charging management; On line Charging System (OCS): Applications and interfaces				
Rel-6	<i>current version:</i> 1.8.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BROWN, Yishai	Amdocs Software Systems Limited
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 2004-03-22	1 . 0 . 0	SP-040141	get it	
	S5-25 2004-08-30	1 . 8 . 0	S5-044572 Rev S5-044571	get it	

TS 32.297	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer				
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-Mobile International AG
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>				
	SP-20 2003-06-17	1 . 0 . 0	SP-030273	get it	<i>remarks - general:</i> 2003-08-18: Title changed from "Telecommunication management; Charging
	draft	1 . 0 . 1			<i>remarks - this release:</i> . 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 2004-03-22	2 . 0 . 0	SP-040142	get it	
	SP-23 2004-03-22	6 . 0 . 0		get it	

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

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ACTIVE specs Rel-6 32 .- series
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TS 32.299	Telecommunication management; Charging management; Diameter charging applications						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni	NOKIA Corporation		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	draft	0 . 1 . 0				<i>remarks - general:</i>	2003-08-18: Title changed from "Telecommunication management; Charging
	draft	2004-01-26	0 . 2 . 0			<i>remarks - this release:</i>	. management; Charging protocol description".
	SP-23	2004-03-22	1 . 0 . 0	get it			
				get it			
TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements						
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-23	2004-03-24	6 . 0 . 0	get it		<i>remarks - general:</i>	was 32.301-1
						<i>remarks - this release:</i>	.
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)						
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, comments):</i>						
	SP-23	2004-03-24	6 . 0 . 0	get it		<i>remarks - general:</i>	was 32.301-2
						<i>remarks - this release:</i>	.
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution						
Rel-6	<i>current version:</i> Set (SS)	6.0.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf		
	SIEMENS AG						
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-23	2004-03-24	6 . 0 . 0	get it		<i>remarks - general:</i>	was 32.301-3
						<i>remarks - this release:</i>	.
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set						
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-23	2004-03-24	6 . 0 . 0	get it		<i>remarks - general:</i>	was 32.301-4
						<i>remarks - this release:</i>	.

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

TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements
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, comments):
SP-23 2004-03-23 6 . 0 . 0 [get it](#) *remarks - general:* was 32.112-1
remarks - this release: .

TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)
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, comments):
SP-23 2004-03-23 6 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2
remarks - this release: .

TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP): Requirements
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-23 2004-03-24 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-22 2004-01-05 1 . 0 . 0 SP-030638 [get it](#) *remarks - general:*
SP-23 2004-03-22 2 . 0 . 0 SP-040122 [get it](#) *remarks - this release:* .
SP-23 2004-03-22 6 . 0 . 0 [get it](#)

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:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-23 2004-03-22 1 . 0 . 0 SP-040123 [get it](#) *remarks - general:*
remarks - this release: .

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

TS 32.333	Telecommunication management; Notification log 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> RAYMER, David	Motorola Inc.				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 32.334	Telecommunication management; Notification log 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> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 32.341	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Requirements								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i>	
	SP-20 2003-06-17 1 . 0 . 0	SP-030290		get it				<i>remarks - this release:</i>	.
	SP-23 2004-03-22 2 . 0 . 0	SP-040124		get it					
	SP-23 2004-03-22 6 . 0 . 0			get it					
<hr/>									
TS 32.342	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> RUI, Lanlan	China Mobile Communications Corporation (CMCC)				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i>	
	SP-22 2004-01-05 1 . 0 . 0	SP-030637		get it				<i>remarks - this release:</i>	.
	SP-24 2004-06-14 2 . 0 . 0	SP-040244		get it					
	SP-24 2004-06-15 6 . 0 . 0			get it					
<hr/>									
TS 32.343	Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> RUI, Lanlan	China Mobile Communications Corporation (CMCC)				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i>	
	SP-23 2004-03-22 1 . 0 . 0	SP-040127		get it				<i>remarks - this release:</i>	.

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TS 32.344	Telecommunication management; File Transfer (FT) 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> SUERBAUM, Clemens	SIEMENS AG					
	<i>freeze_meeting:</i>	G: yes U: yes	MCC:	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 32.351	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Requirements								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> THORSTEINSSON,	Iceland Telecom Ltd.					
	<i>freeze_meeting:</i>	G: yes U: yes	Saemundur						
	<i>history (event, available, version, comments):</i>		ZOICAS, Adrian						
	SP-22 2004-01-05 1 . 0 . 0								<i>remarks - general:</i> WI = OAM-NIM (UID 35014)
	SP-23 2004-03-22 2 . 0 . 0								<i>remarks - this release:</i> .
	SP-23 2004-03-22 6 . 0 . 0								
									get it
									get it
									get it
<hr/>									
TS 32.352	Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Information Service (IS)								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> THORSTEINSSON,	Iceland Telecom Ltd.					
	<i>freeze_meeting:</i>	G: yes U: yes	Saemundur						
	<i>history (event, available, version, comments):</i>		ZOICAS, Adrian						
	SP-22 2004-01-05 1 . 0 . 0								<i>remarks - general:</i> WI = OAM-NIM (UID 35014)
	SP-24 2004-06-15 2 . 0 . 0								<i>remarks - this release:</i> .
	SP-24 2004-06-15 6 . 0 . 0								
									get it
									get it
									get it
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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> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> THORSTEINSSON,	Iceland Telecom Ltd.					
	<i>freeze_meeting:</i>	G: yes U: yes	Saemundur						
	<i>history (event, available, version, comments):</i>		ZOICAS, Adrian						
	SP-24 2004-06-15 1 . 0 . 0								<i>remarks - general:</i> WI = OAM-NIM (UID 35014)
	SP-24 2004-06-15 6 . 0 . 0								<i>remarks - this release:</i> .
									get it
									get it

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ACTIVE specs Rel-6 32 .- series
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TS 32.354 Telecommunication management; Communication Surveillance (CS) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-6 *current version:* none *WG (prime / other):* S5 / *rapporteur:* THORSTEINSSON, Iceland Telecom Ltd.
freeze_meeting: Saemundur

G: yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: WI = OAM-NIM (UID 35014)

remarks - this release: .

TS 32.361 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Requirements

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* THORSTEINSSON, Iceland Telecom Ltd.
freeze_meeting: Saemundur

G: yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-21 2003-09-29 1 . 0 . 0 SP-030423 [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)

SP-22 2004-01-05 2 . 0 . 0 SP-030634 [get it](#) *remarks - this release:* .

SP-22 2004-01-05 6 . 0 . 0 [get it](#)

TS 32.362 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Information Service (IS)

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / *rapporteur:* THORSTEINSSON, Iceland Telecom Ltd.
freeze_meeting: Saemundur

G: yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-21 2003-09-29 1 . 0 . 0 SP-030424 [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)

SP-22 2004-01-05 2 . 0 . 0 SP-030635 [get it](#) *remarks - this release:* .

SP-22 2004-01-05 6 . 0 . 0 [get it](#)

SP-23 2004-03-24 6 . 1 . 0 [get it](#)

SP-24 2004-06-15 6 . 2 . 0 [get it](#)

TS 32.363 Telecommunication management; Entry Point (EP) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S5 / *rapporteur:* THORSTEINSSON, Iceland Telecom Ltd.
freeze_meeting: Saemundur

G: yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-21 2003-09-29 1 . 0 . 0 SP-040425 [get it](#) *remarks - general:* WI = OAM-NIM (UID 35014)

SP-22 2004-01-05 2 . 0 . 0 SP-030636 [get it](#) *remarks - this release:* .

SP-22 2004-01-05 6 . 0 . 0 [get it](#)

SP-24 2004-06-15 6 . 1 . 0 [get it](#)

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

TS 32.364	Telecommunication Management; Entry Point (EP) 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> THORSTEINSSON,	Iceland Telecom Ltd.		
	<i>freeze_meeting:</i>		Saemundur			
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i> WI = OAM-NIM (UID 35014)			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.371	Telecommunication management; Security Management Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> 1.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li	HuaWei Technologies Co., Ltd		
	<i>freeze_meeting:</i>		<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	draft 2004-01-05 0 . 0 . 1	get it	<i>remarks - general:</i> WI = OAM-AR (UID 35011)			
	SP-23 2004-03-22 1 . 0 . 0 SP-040126	get it	<i>remarks - this release:</i> .			
<hr/>						
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>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> WI = OAM-AR (UID 35011)			
			<i>remarks - this release:</i> .			
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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>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> WI = OAM-AR (UID 35011)			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.374	Telecommunication management; Security Management 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> YANG, Li	HuaWei Technologies Co., Ltd		
	<i>freeze_meeting:</i>		<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> WI = OAM-AR (UID 35011)			
			<i>remarks - this release:</i> .			

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

TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21	2003-10-15	6 . 0 . 0	get it	<i>remarks - general:</i>	was 32.104 (pars)			
	SP-22	2004-01-05	6 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	SP-24	2004-06-15	6 . 2 . 0	get it					
<hr/>									
TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM								
Rel-6	<i>current version:</i> 6.4.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-20	2003-06-27	6 . 0 . 0	get it	<i>remarks - general:</i>	was 32.104 (pars)			
	SP-21	2003-10-15	6 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	SP-22	2004-01-05	6 . 2 . 0	get it					
	SP-23	2004-03-24	6 . 3 . 0	get it					
	SP-24	2004-06-17	6 . 4 . 0	get it					
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TS 32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Requirements								
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-17	2002-09-16	1 . 0 . 0	SP-020500	get it	<i>remarks - general:</i>			
	SP-20	2003-06-17	2 . 0 . 0	SP-030294	get it	<i>remarks - this release:</i>	.		
	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				
	SP-24	2004-06-15	6 . 3 . 0		get it				

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

TS 32.412	Telecommunication management; Performance Management (PM) 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> RUI, Lanlan	China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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
	SP-24	2004-06-15	6 . 1 . 0		get it
TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RUI, Lanlan	China Mobile Communications Corporation (CMCC)	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-23	2004-03-22	2 . 0 . 0	SP-040136	get it <i>remarks - general:</i>
	SP-23	2004-03-22	6 . 0 . 0		get it <i>remarks - this release: .</i>
	SP-24	2004-06-15	6 . 1 . 0		get it
TS 32.414	Telecommunication management; Performance Management (PM) 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> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	<i>remarks - general:</i>				
	<i>remarks - this release: .</i>				
TS 32.421	Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements				
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	MOTOROLA JAPAN LTD	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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	2004-03-23	6 . 3 . 0		get it

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

TS 32.422	Telecommunication management; Subscriber and equipment trace; Trace control and Configuration Management (CM)								
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, comments):</i>								
	SP-23	2004-03-22	1	.	0	.	0	SP-040117	get it <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, comments):</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 32.431	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LI, Dan	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-24	2004-06-14	1	.	0	.	0	SP-040274	get it <i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 32.432	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Information Service (IS)								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 32.433	Telecommunications management; Performance measurement collection 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> LI, Dan	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .

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ACTIVE specs Rel-6 32 .- series
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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, comments):</i>				
	SP-23 2004-03-23 6 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements				
Rel-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, comments):</i>				
	SP-23 2004-03-23 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-1		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (SS)				
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, comments):</i>				
	SP-23 2004-03-23 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-2		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution				
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, comments):</i>				
	SP-23 2004-03-23 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-3		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set				
Rel-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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-23 2004-03-23 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-4		
			<i>remarks - this release:</i> .		

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

TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-23 2004-03-24 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-1		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)				
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, comments):</i>				
	SP-23 2004-03-24 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-2		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution				
Rel-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, comments):</i>				
	SP-23 2004-03-24 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-3		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set				
Rel-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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-23 2004-03-24 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-4		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)				
Rel-6	<i>current version:</i> 6.2.0	<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, comments):</i>				
	SP-22 2004-01-13 6 . 0 . 0	get it	<i>remarks - general:</i> was 32.620-2		
	SP-23 2004-03-24 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-24 2004-06-15 6 . 2 . 0	get it			

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

TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture
Rel-6	current version: (CORBA) Solution Set (SS)
MOTOROLA Ltd	6.2.0
	WG (prime / other): S5
	/- rapporteur: PIRT, Trevor
	freeze_meeting: G: yes U: yes MCC: ZOICAS, Adrian
	history (event, available, version, comments):
	SP-22 2004-01-14 6 . 0 . 0 get it remarks - general: was 32.620-3
	SP-23 2004-03-24 6 . 1 . 0 get it remarks - this release: .
	SP-24 2004-06-15 6 . 2 . 0 get it

TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol	
Rel-6	current version: (CMIP) Solution Set (SS)	
SIEMENS AG	6.0.0	
	WG (prime / other): S5	
	/- rapporteur: POLLAKOWSKI, Olaf	
	freeze_meeting: G: yes U: yes MCC: ZOICAS, Adrian	
	history (event, available, version, comments):	
	SP-24 2004-06-15 6 . 0 . 0 get it remarks - general: was 32.620-4	
		remarks - this release: .

TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML)
Rel-6	current version: file format definition
NETWORKS (EUROPE)	6.2.0
	WG (prime / other): S5
	/ rapporteur: TOCHE, Christian NORTEL
	freeze_meeting: G: yes U: yes MCC: ZOICAS, Adrian
	history (event, available, version, comments):
	SP-22 2004-01-14 6 . 0 . 0 get it remarks - general:
	SP-23 2004-03-24 6 . 1 . 0 get it remarks - this release: .
	SP-24 2004-06-17 6 . 2 . 0 get it

TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements	
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, comments):	
	SP-23 2004-03-24 6 . 0 . 0 get it remarks - general: was 32.622-1	
		remarks - this release: .

TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-6	current version: 6.1.0
	WG (prime / other): S5 / - rapporteur: PETERSEN, Robert Ericsson AB
	freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
	history (event, available, version, comments):
	SP-23 2004-03-24 6 . 0 . 0 get it remarks - general: was 32.622-2
	SP-24 2004-06-17 6 . 1 . 0 get it remarks - this release: .

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

TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-6	<i>current version: (CORBA) Solution Set (SS)</i>	6.1.0	<i>WG (prime / other):</i>	S5	<i>/-</i>	<i>rappporteur:</i>	RAYMER, David		
	Motorola Inc.								
	<i>freeze_meeting:</i>		G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	SP-23 2004-03-24	6 . 0 . 0						get it	<i>remarks - general:</i> was 32.622-3
	SP-24 2004-06-17	6 . 1 . 0						get it	<i>remarks - this release:</i> .
<hr/>									
TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file								
Rel-6	<i>current version: format definition</i>	6.0.0	<i>WG (prime / other):</i>	S5	<i>/rappporteur:</i>	TOCHE, Christian	NORTEL		
	NETWORKS (EUROPE)								
	<i>freeze_meeting:</i>		G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	SP-24 2004-06-17	6 . 0 . 0						get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements								
Rel-6	<i>current version: 6.1.0</i>		<i>WG (prime / other):</i>	S5 /	<i>rappporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	SP-19 2003-04-01	6 . 0 . 0						get it	<i>remarks - general:</i>
	SP-24 2004-06-15	6 . 1 . 0						get it	<i>remarks - this release:</i> .
<hr/>									
TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)								
Rel-6	<i>current version: 6.3.0</i>		<i>WG (prime / other):</i>	S5 /	<i>rappporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>		G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	SP-19 2003-04-01	6 . 0 . 0						get it	<i>remarks - general:</i>
	SP-22 2004-01-13	6 . 1 . 0						get it	<i>remarks - this release:</i> .
	SP-23 2004-03-24	6 . 2 . 0						get it	
	SP-24 2004-06-15	6 . 3 . 0						get it	
<hr/>									
TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution								
Rel-6	<i>current version: 6.1.0</i>		<i>WG (prime / other):</i>	S5 /	<i>rappporteur:</i>	PAL, Tapinder	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>		G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	SP-19 2003-04-03	6 . 0 . 0						get it	<i>remarks - general:</i>
	SP-24 2004-06-15	6 . 1 . 0						get it	<i>remarks - this release:</i> .

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

TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set
Rel-6	<i>current version:</i> 6.1.0
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</i>
	SP-19 2003-04-01 6 . 0 . 0
	SP-20 2003-06-27 6 . 1 . 0
	get it <i>remarks - general:</i>
	get it <i>remarks - this release:</i> .

TS 32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements
Rel-6	<i>current version:</i> 6.0.0
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</i>
	SP-23 2004-03-23 6 . 0 . 0
	get it <i>remarks - general:</i>
	<i>remarks - this release:</i> .

TS 32.672	Telecommunication management; Configuration Management (CM); State Management 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, comments):</i>
	SP-23 2004-03-23 6 . 0 . 0
	get it <i>remarks - general:</i>
	<i>remarks - this release:</i> .

TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)
Rel-6	<i>current version:</i> Solution Set (SS)
Motorola Inc.	6.0.0
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</i>
	SP-23 2004-03-23 6 . 0 . 0
	get it <i>remarks - general:</i>
	<i>remarks - this release:</i> .

TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)
Rel-6	<i>current version:</i> Solution Set (SS)
SIEMENS AG	6.0.0
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</i>
	SP-23 2004-03-23 6 . 0 . 0
	get it <i>remarks - general:</i>
	<i>remarks - this release:</i> .

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

TS 32.681 Telecommunication management; Inventory Management (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: yes U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-21 2003-09-29 1 . 0 . 0 SP-030426 [get it](#) *remarks - general:*
remarks - this release: .

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

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

TS 32.691 Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Requirements
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: *G: yes U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-24 2004-06-15 6 . 0 . 0 = v5.0.0 [get it](#) *remarks - general:*
remarks - this release: .

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

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, comments):	
	SP-21 2003-09-29 1 . 0 . 0 SP-030427 get it remarks - general: remarks - this release: .

TS 32.711	Telecommunication management; 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, comments):	
	SP-21 2003-09-29 1 . 0 . 0 SP-030428 get it remarks - general: WI = OAM-NIM (UID 35014) remarks - this release: .

TS 32.712	Telecommunication management; Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)
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, comments):	
	SP-21 2003-09-29 1 . 0 . 0 SP-030429 get it remarks - general: WI = OAM-NIM (UID 35014) remarks - this release: .

TS 32.713	Telecommunication management; Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture
Rel-6	current version: (CORBA) Solution Set (SS) none WG (prime / other): S5 / - rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND
	freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):	
	remarks - general: WI = OAM-NIM (UID 35014) remarks - this release: .

TS 32.714	Telecommunication management; Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP)
Rel-6	current version: Solution Set (SS) none WG (prime / other): S5 / - rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND
	freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):	
	remarks - general: WI = OAM-NIM (UID 35014) remarks - this release: .

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

TS 32.715	Telecommunication management; Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) file format								
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>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	WI = OAM-NIM (UID 35014)				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.731	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan						Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.732	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):								
Rel-6	<i>current version:</i> Information Service (IS)	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAO, Mohan				Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.733	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common								
Rel-6	<i>current version:</i> Object Request Broker Architecture (CORBA) Solution Set (SS)	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAO, Mohan				Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.734	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common								
Rel-6	<i>current version:</i> Management Information Protocol (CMIP) Solution Set (SS)	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAO, Mohan				Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				

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ACTIVE specs Rel-6 32 .- series
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TS 32.735	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):								
Rel-6	<i>current version:</i> eXtensible Markup Language (XML) file format definition	none	WG (prime / other):	S5	/-	<i>rapporteur:</i>	RAO, Mohan	Lucent	
Technologies Network Systems UK									
	<i>freeze_meeting:</i>	G:	U: yes	MCC:				ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>								
<i>remarks - general:</i>									
<i>remarks - this release:</i> .									
TS 32.741	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point								
Rel-6	<i>current version:</i> (IRP): Requirements 1.0.0	DRAFT	WG (prime / other):	S5	/-	<i>rapporteur:</i>	THORSTEINSSON,		
Iceland Telecom Ltd.									
	<i>freeze_meeting:</i>	G:	U: yes	MCC:				Saemundur	
	<i>history (event, available, version, comments):</i>								
	SP-24 2004-06-14 1 . 0 . 0 SP-040262		get it	<i>remarks - general:</i>					
<i>remarks - this release:</i> .									
TS 32.742	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point								
Rel-6	<i>current version:</i> (IRP): Information Service (IS) 1.0.0	DRAFT	WG (prime / other):	S5	/-	<i>rapporteur:</i>	THORSTEINSSON,		
Iceland Telecom Ltd.									
	<i>freeze_meeting:</i>	G:	U: yes	MCC:				Saemundur	
	<i>history (event, available, version, comments):</i>								
	SP-24 2004-06-14 1 . 0 . 0 SP-040263		get it	<i>remarks - general:</i>					
<i>remarks - this release:</i> .									
TS 32.743	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point								
Rel-6	<i>current version:</i> (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS) none		WG (prime / other):	S5	/	-	<i>rapporteur:</i>		
THORSTEINSSON, Iceland Telecom Ltd.									
	<i>freeze_meeting:</i>	G:	U: yes	MCC:				Saemundur	
	<i>history (event, available, version, comments):</i>								
<i>remarks - general:</i>									
<i>remarks - this release:</i> .									
TS 32.744	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point								
Rel-6	<i>current version:</i> (IRP): Common Management Information Protocol (CMIP) Solution Set (SS) none		WG (prime / other):	S5	/	-	<i>rapporteur:</i>		
THORSTEINSSON, Iceland Telecom Ltd.									
	<i>freeze_meeting:</i>	G:	U: yes	MCC:				Saemundur	
	<i>history (event, available, version, comments):</i>								
<i>remarks - general:</i>									
<i>remarks - this release:</i> .									

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

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TS 32.745	Telecommunication management; Configuration Management (CM); Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point								
Rel-6	<i>current version:</i> (IRP): eXtensible Markup Language (XML) file format definition	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> THORSTEINSSON,				
	Iceland Telecom Ltd.								
	<i>freeze_meeting:</i>	G:	U: yes	MCC:	Saemundur ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
					<i>remarks - general:</i>				
					<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	MCC: ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-23 2004-03-22 1 . 0 . 0	SP-040109			get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			
<hr/>									
TR 32.804	Telecommunication management; Control of Remote Electrical Tilting (RET) antennas; Requirements								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /		<i>rapporteur:</i> MUDGE, John				VODAFONE Group Plc
	<i>freeze_meeting:</i>		G:	U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-24 2004-06-14 1 . 0 . 0	SP-040264			get it	<i>remarks - general:</i> WI UID = 35022 (under 23010)			
						<i>remarks - this release:</i> .			
<hr/>									
TR 32.815	Telecommunication management; Charging management; Online 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 International AG
	<i>freeze_meeting:</i>		G:	U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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				

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 access.

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

TS 33.102	3G security; Security architecture					
Rel-6	current version: 6.1.0	WG (prime / other):	S3 / -	rapporteur:	BLOMMAERT, Marc	Siemens nv/sa
	freeze_meeting:	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-21 2003-09-30 6 . 0 . 0			get it	remarks - general:	
	SP-24 2004-06-15 6 . 1 . 0			get it	remarks - this release: .	
<hr/>						
TS 33.105	Cryptographic algorithm requirements					
Rel-6	current version: 6.0.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	freeze_meeting:	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-24 2004-06-15 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 33.106	Lawful interception requirements					
Rel-6	current version: 6.1.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting:	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-22 2004-01-08 6 . 0 . 0			get it	remarks - general:	
	SP-24 2004-06-15 6 . 1 . 0			get it	remarks - this release: .	
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
Rel-6	current version: 6.2.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting:	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	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-24 2004-06-15 6 . 2 . 0			get it		

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

TS 33.108	3G security; Handover interface for Lawful Interception (LI)					
Rel-6	current version: 6.6.0	WG (prime / other):	S3 /	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting:	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-18 2002-12-18	6 . 0 . 0	get it	remarks - general:	2001-12-04 Title changed from "Lawful Interception; Interface between core network	
	SP-19 2003-03-24	6 . 1 . 0	get it	remarks - this release:	. 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 2004-03-22	6 . 5 . 0	get it			
	SP-24 2004-06-15	6 . 6 . 0	get it			

TS 33.141	Presence service; Security					
Rel-6	current version: 6.0.0	WG (prime / other):	S3 / -	rapporteur:	BOMAN, Krister	Telefon AB LM Ericsson
	freeze_meeting:	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	S3-30 2003-10-13	0 . 1 . 0	get it	remarks - general:		
	draft	0 . 1 . 1		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	get it			SP-030719
	post S3-23 2004-02-18	1 . 1 . 0	get it			
	SP-23 2004-03-22	1 . 1 . 1	get it			SP-040163
	S3-33 2004-05-24	1 . 2 . 0	get it			
	edito 2004-05-26	1 . 2 . 1	get it			
	SP-24 2004-06-14	2 . 0 . 0	get it			SP-040367
	SP-24 2004-06-18	6 . 0 . 0	get it			

TS 33.203	3G security; Access security for IP-based services					
Rel-6	current version: 6.3.0	WG (prime / other):	S3 /	rapporteur:	BOMAN, Krister	Telefon AB LM Ericsson
	freeze_meeting:	G: yes	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	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 2004-03-22	6 . 2 . 0	get it			
	SP-24 2004-06-15	6 . 3 . 0	get it			

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

TS 33.210	3G security; Network Domain Security (NDS); IP network layer security							
Rel-6	current version: 6.5.0	WG (prime / other):	S3 / -	rapporteur:	KOIEN, Geir	Telenor AS		
	freeze_meeting:	G: yes U: yes		MCC:	POPE, Maurice			
	history (event, available, version, comments):							
	SP-18 2002-12-18	6 . 0 . 0	get it	remarks - general:	2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).			
	SP-19 2003-03-24	6 . 1 . 0	get it	remarks - this release:	.			
	SP-20 2003-06-18	6 . 2 . 0	get it					
	SP-21 2003-09-30	6 . 3 . 0	get it					
	SP-23 2004-03-22	6 . 4 . 0	get it					
	SP-24 2004-06-15	6 . 5 . 0	get it					

TS 33.220	Generic Authentication Architecture (GAA); Generic bootstrapping architecture							
Rel-6	current version: 6.1.0	WG (prime / other):	S3 /	rapporteur:	HAUKKA, Tao	NOKIA Corporation		
	freeze_meeting:	G: U: yes		MCC:	POPE, Maurice			
	history (event, available, version, comments):							
	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		SP-030583			
	S3-32	1 . 1 . 0			S3-040189			
post	S3-32 2004-02-23	1 . 2 . 0	get it					
post	S3-32 2004-03-03	1 . 2 . 1	get it					
	SP-23 2004-03-22	2 . 0 . 0	get it		SP-040164 -> SP-040175			
	SP-23 2004-03-22	6 . 0 . 0	get it					
	SP-24 2004-06-15	6 . 1 . 0	get it					

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

TS 33.221 Generic Authentication Architecture (GAA); Support for subscriber certificates

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, comments):

S3-30		0	.	1	.	0				<i>remarks - general:</i> WI = SEC1-SC (UID 33002) Based on 33.109 §5 & annex A.
S3-30	2003-11-03	0	.	1	.	1			get it	<i>remarks - this release:</i> .
S3-31	2003-11-28	0	.	2	.	0			get it	
SP-22	2004-01-05	1	.	0	.	0	SP-030584		get it	
S3-32		1	.	1	.	0	S3-040190			
post S3-32	2004-02-23	1	.	2	.	0			get it	
post S3-32	2004-03-03	1	.	2	.	1			get it	
SP-23	2004-03-22	2	.	0	.	0	SP-040165		get it	
SP-23	2004-03-22	6	.	0	.	0			get it	

TS 33.222 Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS)

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* SAHLIN, Bengt Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

S3-30		0	.	1	.	0	S3-030646			<i>remarks - general:</i> WI = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.
draft	2003-11-04	0	.	1	.	1			get it	<i>remarks - this release:</i> .
draft	2004-01-21	0	.	2	.	0			get it	
S3-32		1	.	0	.	0				
S3-33	2004-05-24	1	.	1	.	0			get it	
edito	2004-05-26	1	.	1	.	1			get it	
SP-24	2004-06-14	2	.	0	.	0	SP-040368		get it	
SP-24	2004-06-23	6	.	0	.	0			get it	

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

S3-25	2002-10-23	0	.	1	.	0
S3-25		0	.	2	.	0
S3-26		0	.	3	.	0
S3-27		0	.	4	.	0
S3-28		0	.	5	.	0
S3-29	2003-09-26	0	.	6	.	0
S3-30	2003-11-12	0	.	7	.	0
SP-22	2004-01-05	1	.	0	.	0
S3-32	2004-03-01	1	.	0	.	1
SP-23	2004-03-22	2	.	0	.	0
SP-23	2004-03-22	6	.	0	.	0
SP-24	2004-06-15	6	.	1	.	0

SP-030585

SP-040167

[get it](#)

remarks - general:

remarks - this release: .

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

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

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

Rel-6	current version: 1.3.1	DRAFT	WG (prime / other): S3 / -	rapporteur: ESCOTT, Adrian	Hutchison 3G UK Ltd (3)
	freeze_meeting:		G: yes U: yes	MCC: POPE, Maurice	
history (event, available, version, comments):					
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	get it	SP-030586	
SP-22	2004-03-04	1 . 1 . 0	get it	ex S3-31	
S3-32	2004-04-27	1 . 1 . 1	get it		
S3-33	2004-05-25	1 . 2 . 0	get it		
SP-24	2004-06-14	1 . 2 . 1	get it	SP-040366	
S3-34	2004-07-23	1 . 3 . 0	get it	S3-040678	
S3-34	2004-09-03	1 . 3 . 1	get it		

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

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

TS 33.310	Network domain security; Authentication framework (NDS/AF)		<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	KOSKINEN, Tiina	NOKIA Corporation
Rel-6	<i>current version:</i> 6.1.0		<i>G:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>freeze_meeting:</i>		<i>U:</i>	yes			
	<i>history (event, available, version, comments):</i>						
	draft	0 . 0 . 1					<i>remarks - general:</i>
	draft	0 . 1 . 0					<i>remarks - this release:</i> .
	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	2004-03-22	1 . 1 . 0	SP-040168		get it	
	SP-23	2004-03-22	2 . 0 . 0	SP-040168		get it	
	SP-23	2004-03-22	6 . 0 . 0			get it	
	SP-24	2004-06-15	6 . 1 . 0			get it	
TR 33.810	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution		<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
Rel-6	<i>current version:</i> 6.0.0		<i>G:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>freeze_meeting:</i>		<i>U:</i>	yes			
	<i>history (event, available, version, comments):</i>						
	draft	0 . 0 . 0					<i>remarks - general:</i> 2002-07-22: was formerly 33.910.
	draft	0 . 0 . 1					<i>remarks - this release:</i> SP-17: expect v2.0.0 at SP-18.
	SP-17	1 . 0 . 0	SP-020507 (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 access; U = required in systems with UMTS access.

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

TR 33.817	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 Company			
	freeze_meeting:		G: yes U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	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	2004-03-22	2 . 0 . 0	SP-040169			get it		
	SP-23	2004-03-22	6 . 0 . 0				get it		

TR 33.919	Generic Authentication Architecture (GAA); System description								
Rel-6	current version: 2.1.0	DRAFT	WG (prime / other): S3 /	rapporteur: VAN MOFFAERT, Annelies		ALCATEL BELL			
	freeze_meeting:		G: U: yes	MCC: POPE, Maurice					
	history (event, available, version, comments):								
	S3-30	2003-10-20	0 . 0 . 1				get it	remarks - general:	WI = SEC1-SC (UID 33002)
	S3-30	2003-11-03	0 . 1 . 0				get it	remarks - this release:	.
	S3-31	2003-11-27	0 . 2 . 0				get it		
	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		
	SP-24	2004-05-04	1 . 2 . 1	SP-040365 (ex S3-33) aka v2.0.0			get it		
	draft		2 . 0 . 0	not seen					
	draft	2004-07-27	2 . 1 . 0				get it		

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

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ACTIVE specs Rel-6 33 .- series
Server location: 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, comments):								
	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: RODERMUND, Friedhelm	Vodafone D2 GmbH				
	freeze_meeting:		G: yes U: yes	MCC: JURISIC, Andrijana					
	history (event, available, version, comments):								
	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

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

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

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, comments):

remarks - general:
remarks - this release: .

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

GP-12 2003-01-03 6 . 0 . 0

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

TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

GP-17 2003-12-05 6 . 0 . 0

[get it](#) *remarks - general:* Originally created as 03.51r00
remarks - this release: .

TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-6 *current version:* 6.6.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: *G: yes U:* *MCC:* Jose Luis USAI, Paolino

history (event, available, version, comments):

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

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

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

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

TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN						
Rel-6	current version: 6.3.0	WG (prime / other):	G1 / -	rapporteur:	LIVINGSTON, Margaret	NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version, comments):						
	GP-14 2003-04-25	6 . 0 . 0		get it	remarks - general:		
	GP-15 2003-07-11	6 . 1 . 0		get it	remarks - this release: .		
	GP-17 2003-12-05	6 . 2 . 0		get it			
	GP-19 2004-05-06	6 . 3 . 0		get it			
<hr/>							
TS 43.064	Overall description of the GPRS radio interface; Stage 2						
Rel-6	current version: 6.4.0	WG (prime / other):	G1 / -	rapporteur:	LEPPISAARI, Arto	NOKIA Corporation	
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version, comments):						
	GP-15 2003-07-11	6 . 0 . 0		get it	remarks - general:		
	GP-16 2003-09-12	6 . 1 . 0		get it	remarks - this release: .		
	GP-19 2004-05-06	6 . 2 . 0		get it			
	GP-20 2004-07-09	6 . 3 . 0		get it			
	GP-21	6 . 4 . 0					
<hr/>							
TS 43.068	Voice Group Call Service (VGCS); Stage 2						
Rel-6	current version: 6.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting:	G: yes U:		MCC:	JURISIC, Andrijana		
	history (event, available, version, comments):						
	NP-21 2003-10-08	6 . 0 . 0		get it	remarks - general:		
	NP-24 2004-06-21	6 . 1 . 0		get it	remarks - this release: .		
<hr/>							
TS 43.129	Packed-switched handover for GERAN A/Gb mode; Stage 2						
Rel-6	current version: 0.6.0	DRAFT	WG (prime / other):	G2 / -	rapporteur:	HEDBY, Gunnar	Telefon AB LM Ericsson
	freeze_meeting:		G: yes U:		MCC:	THOMASEN, Gert	
	history (event, available, version, comments):						
	GP-17	0 . 1 . 0			remarks - general:	WI UID = 51136.	
	GP-18	0 . 2 . 0			remarks - this release: .		
	G2-18b 2004-03-22	0 . 3 . 0		get it			
	G2-19 2004-04-16	0 . 4 . 0		get it			
	G2-19b 2004-06-14	0 . 5 . 0		get it			
	GP-20 2004-07-07	0 . 6 . 0		get it			

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

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / *rapporteur:* EDWIN, Diana SIEMENS AG
freeze_meeting: G: U: yes *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-13		0	.	1	.	0	GP-030181		<i>remarks - general:</i>	2003-05: G2 chair indicates that no separate stage 3 will be required, just changes to
GP-13b		0	.	2	.	0	G2-030227		<i>remarks - this release:</i>	. existing GERAN protocol specs.
GP-14	2003-05-02	0	.	2	.	1	GP-030726	Formal TS number allocated	get it	
								on upload		
draft	2003-06-17	0	.	4	.	1			get it	
GP-15		0	.	5	.	0	GP-031108			
draft	2003-07-21	0	.	6	.	0	GP-031881		get it	
G2-16b		0	.	7	.	0	G2-030475			
GP-17		0	.	8	.	0	GP-032510			
G2-17b		0	.	9	.	0	G2-040118			
GP-18		0	.	10	.	0	GP-040185			
G2-18b		0	.	10	.	1	G2-040201			
GP-19		0	.	11	.	0	GP-040704			
GP-19		0	.	12	.	0	GP-041151			
G2-19b		0	.	13	.	0	G2-040364			
GP-20	2004-07-23	0	.	14	.	0	GP-041361		get it	
GP-21	2004-08-31	0	.	15	.	0	GP-042241		get it	
GP-21		6	.	0	.	0				

TR 43.901 Generic access to A/Gb interface; Feasibility study

Rel-6 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

remarks - general:
remarks - this release: .

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

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

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

TS 44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Skov		
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	GP-15 2003-07-10 6 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 44.004	Layer 1 - General Requirements				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-17 2003-12-05 6 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 44.005	Data Link (DL) Layer General Aspects				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Skov		
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	GP-18 2004-02-23 6 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i>		Skov		
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	GP-18 2004-02-23 6 . 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-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-16 2003-09-12 6 . 0 . 0				get it <i>remarks - general:</i>
	GP-20 2004-07-23 6 . 1 . 0				get it <i>remarks - this release:</i> .
<hr/>					

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

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

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

Rel-6 *current version:* 6.9.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-12	2002-12-17	6 . 0 . 0	get it	<i>remarks - general:</i>
GP-13	2003-02-21	6 . 1 . 0	get it	<i>remarks - this release:</i> .
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	
GP-19	2004-05-06	6 . 7 . 0	get it	
GP-20	2004-07-23	6 . 8 . 0	get it	
GP-21	2004-09-04	6 . 9 . 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:* 6.5.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-15	2003-07-10	6 . 0 . 0	get it	<i>remarks - general:</i>
GP-16	2003-09-12	6 . 1 . 0	get it	<i>remarks - this release:</i> .
GP-18	2004-02-23	6 . 2 . 0	get it	
GP-19	2004-05-06	6 . 3 . 0	get it	
GP-20	2004-07-23	6 . 4 . 0	get it	
GP-21	2004-09-04	6 . 5 . 0	get it	

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

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

TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
Rel-6	<i>current version:</i> 6.9.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-12 2002-12-17 6 . 0 . 0	get it	<i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System		
	GP-13 2003-02-21 6 . 1 . 0	get it	<i>remarks - this release:</i> . (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			
	GP-19 2004-05-06 6 . 7 . 0	get it			
	GP-20 2004-07-23 6 . 8 . 0	get it			
	GP-21 2004-09-04 6 . 9 . 0	get it			

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-20 2003-07-03 6 . 0 . 0	get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.		
	NP-21 2003-10-10 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-22 2004-01-08 6 . 2 . 0	get it			

TS 44.068	Group Call Control (GCC) Protocol				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-22 2004-01-08 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

TS 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode				
Rel-6	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> VIRTEJ, Iuliana	NOKIA Corporation	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-17 2003-12-05 6 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-18 2004-02-23 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	GP-19 2004-05-06 6 . 2 . 0	get it			
	GP-20 2004-07-23 6 . 3 . 0	get it			

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

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

TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode			
Rel-6	current version: 6.5.0	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	
<i>history (event, available, version, comments):</i>				
	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
	GP-19	2004-05-06	6 . 4 . 0	get it
	GP-20	2004-07-23	6 . 5 . 0	get it

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		
<i>history (event, available, version, comments):</i>					
	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 6.5.3	2003-09-12	1 . 3 . 0		get it

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

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

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ACTIVE specs 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	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-12 2003-01-03 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-17 2003-12-05 6 . 2 . 0	get it				
	GP-18 2004-02-20 6 . 3 . 0	get it				
	GP-20 2004-07-09 6 . 4 . 0	get it				

TS 45.002	Multiplexing and multiple access on the radio path					
Rel-6	<i>current version:</i> 6.6.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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-15 2003-07-11 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				
	GP-18 2004-02-20 6 . 5 . 0	get it				
	GP-19 2004-05-06 6 . 6 . 0	get it				

TS 45.003	Channel coding					
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-16 2003-09-12 6 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-17 2003-12-05 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-18 2004-02-20 6 . 2 . 0	get it				
	GP-19 2004-05-06 6 . 3 . 0	get it				
	GP-20 2004-07-09 6 . 4 . 0	get it				
	GP-21 6 . 5 . 0					

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

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

TS 45.005	Radio transmission and reception					
Rel-6	<i>current version:</i> 6.6.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-12 2003-01-03 6 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-13 2003-02-21 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-14 2003-04-25 6 . 2 . 0	get it				
	GP-16 2003-09-12 6 . 3 . 0	get it				
	GP-18 2004-02-20 6 . 4 . 0	get it				
	GP-19 2004-05-06 6 . 5 . 0	get it				
	GP-20 2004-07-09 6 . 6 . 0	get it				

TS 45.008	Radio subsystem link control					
Rel-6	<i>current version:</i> 6.9.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer	VODAFONE Group Plc		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-12 2003-01-03 6 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-13 2003-02-21 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-14 2003-04-25 6 . 2 . 0	get it				
	GP-15 2003-07-11 6 . 3 . 0	get it				
	GP-16 2003-09-12 6 . 4 . 0	get it				
	GP-17 2003-12-05 6 . 5 . 0	get it				
	GP-18 2004-02-20 6 . 6 . 0	get it				
	GP-19 2004-05-06 6 . 7 . 0	get it				
	GP-20 2004-07-09 6 . 8 . 0	get it				
	GP-21 6 . 9 . 0					

TS 45.009	Link adaptation					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-17 2003-12-05 6 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-18 2004-02-20 6 . 1 . 0	get it	<i>remarks - this release:</i> .			

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

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

TS 45.010	Radio subsystem synchronization					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	JOKINEN, Harri	NOKIA MOBILE PHONES
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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-16 2003-09-12 6 . 2 . 0			get it		

TS 45.015	Downlink Advanced Receiver Performance (DARP) implementation guidelines					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	ESCULIER, Carole	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i>	
					<i>remarks - this release:</i>	GP-21: GP-041928 contains independent drafts for R99, Rel-4 and Rel-5 (!)

TR 45.050	Background for RF Requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	Skov USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	GP-12 2003-01-03 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

TR 45.811	Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	G1 /	<i>rapporteur:</i>	GROSS, Robert	TruePosition Inc.
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	GP-10 2002-07-19 6 . 0 . 0			get it	<i>remarks - general:</i>	Renumbered from 41.811.
					<i>remarks - this release:</i>	Renumbered from 41.811.

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

TR 45.902	Flexible layer 1						
Rel-6	current version: 6.6.0		WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist		NOKIA Corporation	
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):						
	draft	0 . 0 . 0					remarks - general:
	GP-12 2002-11-26	0 . 3 . 0				GP-023427	remarks - this release: .
	GP-13 2003-02-13	0 . 4 . 0				GP 030193	
	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
	GP-19 2004-05-06	6 . 5 . 0					get it
	GP-20 2004-07-09	6 . 6 . 0					get it

TR 45.903	Single Antenna receiver Interference Cancellation (SAIC); Feasibility study						
Rel-6	current version: 0.0.0	DRAFT	WG (prime / other): G1 / -	rapporteur: GRANT, Marc		Cingular Wireless LLC	
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):						
	GP-21 2004-08-31	0 . 0 . 0				GP-041932 (bears no version number, but is evidently not the first draft)	remarks - general:
							remarks - this release: .

Rel-6 **48** .- series Server location: 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-6	current version: 6.0.0		WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter		MOTOROLA A/S	
	freeze_meeting:		G: yes U:	MCC: THOMASEN, Gert		Skov	
	history (event, available, version, comments):						
	GP-20 2004-07-23	6 . 0 . 0					remarks - general:
							remarks - this release: .

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

TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
Rel-6	current version: 6.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter	MOTOROLA A/S	
	freeze_meeting:		Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	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		
	GP-19 2004-05-06	6 . 5 . 0	get it		
	GP-20 2004-07-23	6 . 6 . 0	get it		

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
Rel-6	current version: 6.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter	MOTOROLA A/S	
	freeze_meeting:		Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	GP-21 2004-09-04	6 . 0 . 0	get it	remarks - general:	
				remarks - this release: .	

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
Rel-6	current version: 6.5.0	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	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		
	GP-19 2004-05-06	6 . 5 . 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 Peter	MOTOROLA A/S	
	freeze_meeting:		Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	GP-16 2003-09-12	6 . 0 . 0	get it	remarks - general:	
				remarks - this release: .	

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ACTIVE specs Rel-6 48 .- series
Server location: 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-6 *current version:* 6.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: Skov

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

history (event, available, version, comments):

GP-14	2003-04-29	6	.	0	.	0
GP-15	2003-07-10	6	.	1	.	0
GP-16	2003-09-12	6	.	2	.	0
GP-17	2003-12-05	6	.	3	.	0
GP-18	2004-02-23	6	.	4	.	0
GP-19	2004-05-06	6	.	5	.	0
GP-20	2004-07-23	6	.	6	.	0

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

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

[get it](#)

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[get it](#)

Rel-6 **49** .- series Server location: 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:* 6.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: Skov

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

history (event, available, version, comments):

GP-15	2003-07-10	6	.	0	.	0
GP-17	2003-12-05	6	.	1	.	0
GP-18	2004-02-23	6	.	2	.	0
GP-19	2004-05-06	6	.	3	.	0

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

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

[get it](#)

[get it](#)

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

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

TR 50.099 GERAN project plan and open issues

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

WG (prime / other): GP / - *rapporteur:* GRANT, Marc Cingular Wireless LLC
G: yes U: *MCC:* USAI, Paolino

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

moved to Rel-6.

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

TS 51.021 GSM radio aspects base station system equipment specification

Rel-6 *current version:* 6.2.0
freeze_meeting:
history (event, available, version, comments):
GP-13 2003-02-21 6 . 0 . 0
GP-15 2003-07-11 6 . 1 . 0
GP-21 6 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

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

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

TS 52.008 Telecommunication management; GSM subscriber and equipment trace

Rel-6 *current version:* 0.1.2 DRAFT
freeze_meeting:
history (event, available, version, comments):
draft 2003-07-15 0 . 1 . 2

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

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

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

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

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

TS 55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i>	G: yes U:	MCC:	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	S3-26	0 . 1 . 0	S3-020675				<i>remarks - general:</i>	Not subject to export control.	
	SP-18 2003-01-16	1 . 0 . 0	SP-020724				<i>remarks - this release:</i>	.	
	SP-18 2002-12-18	6 . 0 . 0							get it
	SP-22 2004-01-08	6 . 1 . 0							get it
									get it
<hr/>									
TS 55.216	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification								
Rel-6	<i>current version:</i> 6.2.0	<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>	G: yes U:	MCC:	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-17 2002-07-22	1 . 0 . 0	SP-020506	pars for approval			<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.	
	SP-17 2002-09-18	6 . 0 . 0					<i>remarks - this release:</i>	.	
	SP-18 2002-12-18	6 . 1 . 0							get it
	SP-21 2003-09-30	6 . 2 . 0							get it
									get it
<hr/>									
TS 55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i>	G: yes U:	MCC:	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-17 2002-07-22	1 . 0 . 0	SP-020506	pars for approval			<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.	
	SP-17 2002-09-18	6 . 0 . 0					<i>remarks - this release:</i>	.	
	SP-18 2002-12-18	6 . 1 . 0							get it
									get it
<hr/>									
TS 55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i>	G: yes U:	MCC:	POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-17 2002-07-22	1 . 0 . 0	SP-020506	pars for approval			<i>remarks - general:</i>	2003-09-30: Note: document only available with French export licence.	
	SP-17 2002-09-18	6 . 0 . 0					<i>remarks - this release:</i>	.	
	SP-18 2002-12-18	6 . 1 . 0							get it
									get it

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

TR 55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report
Rel-6	<i>current version:</i> 6.1.0
	<i>freeze_meeting:</i>
	<i>WG (prime / other):</i> S3 /
	<i>rapporteur:</i> N, A
	Indicate persons who left Company and wait for new One
	<i>G:</i> yes <i>U:</i>
	<i>MCC:</i> POPE, Maurice
<i>history (event, available, version, comments):</i>	
SP-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

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> 5.7.0
	<i>freeze_meeting:</i> SP-20
	<i>WG (prime / other):</i> SP / -
	<i>rapporteur:</i> MEREDITH, John M ETSI Secretariat
	<i>G:</i> <i>U:</i> yes
	<i>MCC:</i> POPE, Maurice
<i>history (event, available, version, comments):</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	2004-04-02 5 . 6 . 0 get it
SP-24	2004-06-24 5 . 7 . 0 get it

TS 21.111	USIM and IC card requirements
Rel-5	<i>current version:</i> 5.1.0
	<i>freeze_meeting:</i> TP-16
	<i>WG (prime / other):</i> T3 / -
	<i>rapporteur:</i> KALINER, Stefan T-Mobile International AG
	<i>G:</i> <i>U:</i> yes
	<i>MCC:</i> JURISIC, Andrijana
<i>history (event, available, version, comments):</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> .

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ACTIVE specs Rel-5 21 .- series
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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			G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</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 2004-04-02	5	. 1	. 0	get it				
<hr/>									
TR 21.900	Technical Specification Group working methods								
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			G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 2002-06-24	5	. 0	. 0	get it	<i>remarks - general:</i>			
	edito post SP-17 2002-09-18	5	. 0	. 1	get it	<i>remarks - this release:</i> SP-22: Fron now on, is null document pointing to equivalent in latest Release.			
	SP-22 2004-01-14	5	. 1	. 0	get it				
<hr/>									
TR 21.905	Vocabulary for 3GPP Specifications								
Rel-5	<i>current version:</i> 5.8.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd			
	<i>freeze_meeting:</i> SP-15			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-27	5	. 0	. 0	get it	<i>remarks - general:</i> 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least,			
	SP-13 2001-10-05	5	. 1	. 0	get it	<i>remarks - this release:</i> . so include it in that set.			
	SP-14 2002-01-10	5	. 2	. 0	get it				
	SP-15 2002-03-25	5	. 3	. 0	get it				
	SP-16 2002-07-04	5	. 4	. 0	get it				
	SP-17 2002-09-16	5	. 5	. 0	get it				
	SP-19 2003-03-25	5	. 6	. 0	get it				
	SP-20 2003-06-18	5	. 7	. 0	get it				
	SP-21 2003-09-30	5	. 8	. 0	get it				

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

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

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

TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.0.0	<i>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, comments):</i>					
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#5	<i>remarks - this release:</i> .
<hr/>						
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.0.0	<i>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, comments):</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, comments):</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> 5.1.0	<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, comments):</i>					
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-24 2004-06-14 5 . 1 . 0			get it	<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 SA	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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> .	

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

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ACTIVE specs Rel-5 22 .- series
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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, comments):</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 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	NGUYEN NGOC, Sebastien	France Telecom			
	<i>freeze_meeting:</i> SP-17	G: yes U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-17 2002-09-18 5 . 0 . 0 identical to 4.1.0.			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</i>								
	SP-16 2002-07-19 5 . 0 . 0			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)								
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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</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 22.031	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	G: yes U: yes		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-18 2003-01-06 5 . 0 . 0 Technically identical to 43.031 v5.0.0.			get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 ->				
					<i>remarks - this release:</i> Created from 42.031 Rel-5. 22.031.				

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TS 22.032	Immediate Service Termination (IST); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>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, comments):</i>						
	SP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version, comments):</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, comments):</i>						
	SP-09 2000-10-18 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-10 2001-01-08 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-12 2001-06-27 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/>						
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, comments):</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, comments):</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> .			

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

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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	<i>G: yes U: yes</i>		<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	TP-20 2003-06-23 5 . 0 . 0	technically identical to v4.0.0	get it	<i>remarks - general:</i>	TP-12: was previously 42.048.				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</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						

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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, comments):</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>	.	
<hr/>						
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</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, comments):</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 2004-03-23 5 . 4 . 0	get it				
<hr/>						
TS 22.072	Call Deflection (CD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</i>					
	SP-16 2002-07-19 5 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4	
				<i>remarks - this release:</i>	.	

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

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ACTIVE specs Rel-5 22 .- series
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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, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.14.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel		Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 2004-03-23 5 . 13 . 0			get it		
	SP-24 2004-06-14 5 . 14 . 0			get it		
<hr/>						
TS 22.079	Support of optimal routing; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	

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

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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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 22.082	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 SA		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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, comments):</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 22.086	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, comments):</i>			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-16 2002-07-19 5 . 0 . 0				<i>remarks - this release:</i> .	
<hr/>						
TS 22.087	User-to-user signalling (UUS); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes		T-Mobile International AG	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-16 2002-07-19 5 . 0 . 0				<i>remarks - this release:</i> .	
<hr/>						
TS 22.088	Call Barring (CB) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes		T-Mobile International AG	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-16 2002-07-19 5 . 0 . 0				<i>remarks - this release:</i> .	
<hr/>						
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IGNATIUS, Jan		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-16 2002-07-19 5 . 0 . 0				<i>remarks - this release:</i> .	
<hr/>						
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg		SIEMENS AG	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-16 2002-07-19 5 . 0 . 0				<i>remarks - this release:</i> .	

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TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</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 22.094	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, comments):</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 scrap	
					<i>remarks - this release:</i> . 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, comments):</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, comments):</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	<i>current version:</i> 5.13.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-09 2000-10-18 5 . 0 . 0	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-15 2002-03-25 5 . 5 . 0	get it				
	SP-16 2002-07-04 5 . 6 . 0	get it				
	SP-17 2002-09-17 5 . 7 . 0	get it				
	SP-18 2002-12-18 5 . 8 . 0	get it				
	SP-19 2003-03-25 5 . 9 . 0	get it				
	SP-20 2003-06-18 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 2004-03-23 5 . 13 . 0	get it				

TS 22.105	Services and service capabilities					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele		T-Mobile (UK) Ltd	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-13 2001-10-05 5 . 0 . 0	get it	<i>remarks - general:</i>			
	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				

TS 22.112	USIM toolkit interpreter; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MEYER, Michael		GIESECKE & DEVRIENT GmbH	
	<i>freeze_meeting:</i> TP-15	<i>G:</i> U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	TP-13 2001-10-12 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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; Stage 1".		
	SP-12 2001-06-27 5 . 1 . 0	get it	<i>remarks - this release:</i>	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	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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
<hr/>							
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	G: U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-16 2002-07-19 5 . 0 . 0						get it <i>remarks - general:</i>
							<i>remarks - this release:</i> .
<hr/>							
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	G: U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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
<hr/>							
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	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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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ACTIVE specs Rel-5 22 .- series
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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, comments):

SP-09	2000-09-28	1 . 0 . 0	get it	<i>remarks - general:</i>
SP-10	2001-01-12	5 . 0 . 0	get it	<i>remarks - this release:</i> 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, comments):

S1-12		0 . 1 . 0		<i>remarks - general:</i>
S1-13		0 . 2 . 0		<i>remarks - this release:</i> .
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, comments):

SP-14	2002-01-02	1 . 0 . 0	SP-010679, SP-020064	get it	<i>remarks - general:</i>
SP-15	2002-03-19	2 . 0 . 0	SP-020064	get it	<i>remarks - this release:</i> .
SP-15	2002-04-02	5 . 0 . 0	Not fit for SDO publication. Contains many editor's notes.	get it	
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	<i>current version:</i> 5.12.0			<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, comments):</i>								
	SP-09	2000-10-18	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4,CR at TSG#5			
	SP-10	2000-12-21	5 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-11	2001-04-06	5 . 2 . 0	get it					
	SP-12	2001-07-12	5 . 3 . 0	get it					
	SP-13	2001-10-12	5 . 4 . 0	get it					
	SP-14	2002-01-07	5 . 5 . 0	get it					
	SP-15	2002-04-02	5 . 6 . 0	get it					
	SP-16	2002-06-17	5 . 7 . 0	get it					
	SP-17	2002-09-24	5 . 8 . 0	get it					
	SP-18	2003-01-10	5 . 9 . 0	get it					
	SP-19	2003-03-27	5 . 10 . 0	get it					
	SP-20	2003-06-20	5 . 11 . 0	get it					
	SP-21	2003-10-01	5 . 12 . 0	get it					
<hr/>									
TS 23.003	Numbering, addressing and identification								
Rel-5	<i>current version:</i> 5.9.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD			
	<i>freeze_meeting:</i> NP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-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	2002-01-11	5 . 2 . 0	get it					
	NP-16	2002-06-21	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					
	post NP-18 fix	2003-01-10	5 . 5 . 1	get it					
	corrupted figures								
	pp24 ff								
	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	2004-03-23	5 . 9 . 0	get it	Implements CR082r2 omitted from v5.8.0.				

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

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TS 23.007	Restoration procedures					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-21 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-22 2004-01-12 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 23.008	Organisation of subscriber data					
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-15 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 2002-09-17 5 . 2 . 0	get it				
	NP-18 2003-01-07 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-22 2004-01-12 5 . 7 . 0	get it				
<hr/>						
TS 23.009	Handover procedures					
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-14 2002-01-08 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-16 2002-06-20 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-17 2002-09-17 5 . 2 . 0	get it				
	NP-18 2003-01-02 5 . 3 . 0	get it				
	NP-19 2003-03-24 5 . 4 . 0	get it				
	NP-20 2003-06-27 5 . 5 . 0	get it				
	NP-21 2003-10-10 5 . 6 . 0	get it				
	NP-22 2004-01-05 5 . 7 . 0	get it				
	NP-23 2004-03-22 5 . 8 . 0	get it				

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

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TS 23.011	Technical realization of Supplementary Services					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.012	Location management procedures					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-15 2002-03-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-20 2003-07-01 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-21 2003-10-09 5 . 2 . 0	get it				
<hr/>						
TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-26 5 . 0 . 0	get it	<i>remarks - general:</i>	Should not be in UMTS ????		
	NP-17 2002-09-17 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.015	Technical realization of Operator Determined Barring (ODB)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> Chalmers KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.016	Subscriber data management; Stage 2					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-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 2002-09-17 5 . 2 . 0	get it				
	NP-23 2004-03-23 5 . 3 . 0	get it				

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

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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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 2004-03-23 5 . 9 . 0	get it				
<hr/>						
TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-18 2003-01-06 5 . 0 . 0	Technically identical to 43.031 v5.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 ->		
				<i>remarks - this release:</i> Created from 43.031 Rel-5. 23.031.		
<hr/>						
TS 23.032	Universal Geographical Area Description (GAD)					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-19	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-19 2003-03-27 5 . 0 . 0	get it	<i>remarks - general:</i> S2 responsibility?			
			<i>remarks - this release:</i> .			
<hr/>						
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>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRIÓN, Inmaculada	NOKIA Corporation		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</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:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</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:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</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> 5.7.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</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 2004-03-25 5 . 7 . 0	get it			
	edito post TP-23 2004-05-24 5 . 7 . 1	get it			

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ACTIVE specs Rel-5 23 .- series
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TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: TP-16 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-16 2002-06-26 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-19 2003-03-24 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-22 2004-01-09 5 . 2 . 0 [get it](#)

TS 23.042 Compression algorithm for SMS

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

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
TP-12 2001-07-06 5 . 0 . 0 [get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13 2001-10-12 5 . 1 . 0 [get it](#) *remarks - this release:* .
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](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* No draft.
remarks - this release: .

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ACTIVE specs Rel-5 23 .- series
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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	TTP Communications plc			
	<i>freeze_meeting:</i> TP-15	G: yes U: yes		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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 2004-04-01	5 . 8 . 0		get it					
<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, comments):</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, comments):</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 23.072	Call Deflection Supplementary Service; Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> CONRAD, Alan		T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16	2002-06-24	5 . 0 . 0		get it		<i>remarks - general:</i>		
							<i>remarks - this release:</i>		
<hr/>									
TS 23.078	customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2								
Rel-5	<i>current version:</i> 5.8.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> HOMANN, Christian		ALCATEL SEL AG		
	<i>freeze_meeting:</i> NP-16		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16	2002-06-17	5 . 0 . 0		get it		<i>remarks - general:</i>	NP-24: txferred to N4 on closure of N2.	
	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	2003-06-20	5 . 4 . 0		get it				
	NP-21	2003-09-29	5 . 5 . 0		get it				
	remove redundant	2003-10-08	5 . 5 . 1		get it				
	SDL files								
	NP-22	2004-01-06	5 . 6 . 0		get it				
	NP-23	2004-03-29	5 . 7 . 0		get it				
	NP-24	2004-06-17	5 . 8 . 0		get it				
<hr/>									
TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> PARK, Ian David		VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-15	2002-03-28	5 . 0 . 0		get it		<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5	
	NP-16	2002-06-21	5 . 1 . 0		get it		<i>remarks - this release:</i>		
	NP-18	2003-01-07	5 . 2 . 0		get it				
	NP-21	2003-10-09	5 . 3 . 0		get it				
	NP-22	2004-01-12	5 . 4 . 0		get it				
	NP-24	2004-06-15	5 . 5 . 0		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, comments):</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		
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	KYMALAINEN, Kimmo	TeliaSonera AB
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-21 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-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>	.
<hr/>						
TS 23.084	MultiParty (MPY) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-12 2001-06-27 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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 access.

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

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

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

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

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, comments):
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, comments):
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 visible

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, comments):
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, comments):
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, comments):
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

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

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

TS 23.107	Quality of Service (QoS) concept and architecture						
Rel-5	<i>current version:</i> 5.12.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	RINNE, Janne	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	SP-11 2001-04-11	5 . 0 . 0		get it	<i>remarks - general:</i>	was 23.907	
	SP-12 2001-06-29	5 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-13 2001-10-12	5 . 2 . 0		get it			
	SP-14 2002-01-07	5 . 3 . 0		get it			
	SP-15 2002-04-07	5 . 4 . 0		get it			
	SP-16 2002-06-17	5 . 5 . 0		get it			
	SP-17 2002-09-24	5 . 6 . 0		get it			
	SP-18 2003-01-10	5 . 7 . 0		get it			
	SP-19 2003-03-27	5 . 8 . 0		get it			
	SP-20 2003-06-26	5 . 9 . 0		get it			
	SP-21 2003-10-01	5 . 10 . 0		get it			
	SP-22 2004-01-06	5 . 11 . 0		get it			
	SP-23 2004-04-01	5 . 12 . 0		get it			
<hr/>							
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-16	G: yes	U: yes	<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>						
	NP-16 2002-06-28	5 . 0 . 0		get it	<i>remarks - general:</i>	This is clause 7 from 04.08 ex R98.	
					<i>remarks - this release:</i>	2002-04-15: N1-23 decision to continue to Rel-5.	
<hr/>							
TS 23.110	UMTS Access Stratum Services and Functions						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	G: yes	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	upgrade to Rel-5	2003-10-09	5 . 0 . 0		get it	<i>remarks - general:</i>	Created when discovered it was missing
	following SP-21					<i>remarks - this release:</i>	post SP-21. To be ratified SP-22.

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

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

TS 23.116	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, comments):</i>			get it	<i>remarks - general:</i> New after TSG#5		
	NP-16 2002-06-24 5 . 0 . 0				<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, comments):</i>			get it	<i>remarks - general:</i> New after TSG#5		
	NP-16 2002-06-24 5 . 0 . 0				<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> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>			get it	<i>remarks - general:</i> 2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of R98		
	NP-16 2002-06-24 5 . 0 . 0			get it	<i>remarks - this release:</i> . features.		
	NP-17 2002-09-17 5 . 1 . 0			get it			
	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)						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD, Christophe	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, comments):</i>			get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred		
	SP-14 2002-01-07 5 . 0 . 0			get it	<i>remarks - this release:</i> . from S2 to N5 at N/SP-25.		
	SP-15 2002-04-05 5 . 1 . 0			get it			
	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, comments):</i>			get it	<i>remarks - general:</i>		
	NP-16 2002-06-24 5 . 0 . 0				<i>remarks - this release:</i> .		

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

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

Rel-5 *current version:* 5.11.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef INFINEON TECHNOLOGIES
freeze_meeting: TP-15 G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-13 2001-10-05 5 . 0 . 0 [get it](#)

TP-14 2002-01-11 5 . 1 . 0 [get it](#)

TP-15 2002-03-29 5 . 2 . 0 [get it](#)

TP-16 2002-07-05 5 . 3 . 0 Schema delivered 2002-07-07 (uploaded -[get it](#)
19) to
http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0.

TP-17 2002-09-30 5 . 4 . 0 Schema v1.1 uploaded 2002-11-14. [get it](#)

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

TP-19 2003-03-31 5 . 6 . 0 [get it](#)

TP-20 2003-06-25 5 . 7 . 0 [get it](#)

TP-21 2003-10-03 5 . 8 . 0 [get it](#)

TP-22 2004-01-12 5 . 9 . 0 [get it](#)

TP-23 2004-03-25 5 . 10 . 0 [get it](#)

TP-24 2004-06-15 5 . 11 . 0 XML schema unchanged [get it](#)

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.

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, comments):

NP-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 access.

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

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.8.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-15	2002-03-28	5	.	0	.	0	get it <i>remarks - general:</i> New after TSG#5
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	2003-01-09	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	2004-03-23	5	.	7	.	0	get it
NP-24	2004-06-15	5	.	8	.	0	get it

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

Rel-5 *current version:* 5.4.0 *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, comments):

draft	2002-04-18	1	.	0	.	0	get it <i>remarks - general:</i>
NP-16	2002-06-25	2	.	0	.	0	get it <i>remarks - this release:</i> .
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	2004-03-22	5	.	4	.	0	get it

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

TS 23.195	Provision of User Equipment Specific Behaviour Information (UESBI) to network entities					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-20	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	draft	2003-03-24	0 . 1 . 0	get it	<i>remarks - general:</i>	Created as a result of 23.895.
	SP-19	2003-03-24	1 . 0 . 0	get it	<i>remarks - this release:</i>	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	get it		SP-030335; incorporates RP-20 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	2004-04-01	5 . 3 . 0	get it		

TS 23.205	Bearer-independent circuit-switched core network; Stage 2					
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HODGES, Phil	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-14	2002-01-10	5 . 0 . 0	get it	<i>remarks - general:</i>	2000-10: Rap change from Keutmann.
	NP-15	2002-03-28	5 . 1 . 0	get it	<i>remarks - this release:</i>	.
	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	2004-03-24	5 . 7 . 0	get it		

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

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	2004-04-01	5	.	9	.	0	

remarks - general:

remarks - this release: .

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

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

Rel-5 *current version:* 5.7.0

freeze_meeting: NP-15

WG (prime / other): N1 / -

rapporteur: DRAGE, Keith

Lucent Technologies Network Systems UK

G: yes *U:* yes

MCC: JURISIC, Andrijana

history (event, available, version, comments):

draft 2001-03-30 0 . 5 . 0

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

draft 2001-08-20 0 . 5 . 2

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

draft 2001-09-11 0 . 6 . 0

[get it](#)

draft 2001-10-10 0 . 7 . 0

[get it](#)

draft 2001-11-05 0 . 8 . 0

[get it](#)

draft 2001-11-19 0 . 9 . 0

[get it](#)

NP-14 2001-12-05 1 . 0 . 0 NP-010640

[get it](#)

draft 2002-01-22 1 . 1 . 0

[get it](#)

draft 2002-02-06 1 . 2 . 0

[get it](#)

draft 2002-02-26 2 . 0 . 0

[get it](#)

NP-15 2002-03-19 2 . 0 . 1 NP-020047

[get it](#)

NP-15 2002-03-19 5 . 0 . 0

[get it](#)

NP-16 2002-06-25 5 . 1 . 0

[get it](#)

NP-17 2002-09-17 5 . 2 . 0

[get it](#)

NP-18 2002-12-18 5 . 3 . 0

[get it](#)

NP-19 2003-03-24 5 . 4 . 0

[get it](#)

NP-20 2003-07-03 5 . 5 . 0

[get it](#)

NP-21 2003-09-30 5 . 6 . 0

[get it](#)

NP-22 2004-01-06 5 . 7 . 0

[get it](#)

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

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

TS 23.221	Architectural requirements								
Rel-5	<i>current version:</i> 5.10.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-11	2001-04-06	5 . 0 . 0		get it	<i>remarks - general:</i> Derived from R99-specific 23.121			
	SP-12	2001-07-02	5 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-13	2001-10-12	5 . 2 . 0		get it				
	SP-14	2002-01-07	5 . 3 . 0		get it				
	SP-15	2002-04-05	5 . 4 . 0		get it				
	SP-16	2002-06-18	5 . 5 . 0		get it				
	SP-17	2002-10-02	5 . 6 . 0		get it				
	SP-18	2003-01-10	5 . 7 . 0		get it				
	SP-21	2003-10-01	5 . 8 . 0		get it				
	SP-23	2004-04-01	5 . 9 . 0		get it				
	SP-24	2004-06-23	5 . 10 . 0		get it				

TS 23.226	Global text telephony (GTT); Stage 2: Architecture								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-12		2 . 0 . 0	SP-010336		<i>remarks - general:</i> 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.			
	SP-12	2001-06-29	5 . 0 . 0		get it	<i>remarks - this release:</i> 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	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> TOMÉ, Olga	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> TP-15			<i>G: U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	TP-14	2002-01-11	5 . 0 . 0		get it	<i>remarks - general:</i>			
	TP-15	2002-03-26	5 . 1 . 0		get it	<i>remarks - this release:</i> .			

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

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

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5	<i>current version:</i> 5.12.0				<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TOWLE, Thomas	Lucent Technologies
	<i>freeze_meeting:</i> SP-15				G: yes U: yes	MCC: YOON, Sang-Ui	
<i>history (event, available, version, comments):</i>							
	draft	2000-11-30	1 . 0 . 0			get it	<i>remarks - general:</i>
	SP-10	2001-01-10	1 . 4 . 0	SP-000598		get it	<i>remarks - this release:</i>
	draft	2001-02-06	1 . 7 . 0			get it	
	SP-11	2001-04-06	5 . 0 . 0			get it	
	SP-12	2001-07-02	5 . 1 . 0			get it	
	SP-13	2001-10-17	5 . 2 . 0			get it	
	repair of lost figures		5 . 2 . 1				
	SP-14	2002-01-04	5 . 3 . 0			get it	
	SP-15	2002-04-08	5 . 4 . 0			get it	
	edito post SP-15	2002-04-12	5 . 4 . 1			get it	
	SP-16	2002-06-17	5 . 5 . 0			get it	
	SP-17	2002-09-30	5 . 6 . 0			get it	
	SP-18	2003-01-07	5 . 7 . 0			get it	
	SP-19	2003-03-27	5 . 8 . 0			get it	
	SP-20	2003-06-20	5 . 9 . 0			get it	
	SP-21	2003-10-01	5 . 10 . 0			get it	
	SP-22	2004-01-06	5 . 11 . 0			get it	
	SP-23	2004-04-01	5 . 12 . 0			get it	

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

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

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

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

Rel-5 *current version:* 5.11.0 *WG (prime / other):* S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	2004-04-01	5	.	10	.	0	get it		
SP-24	2004-06-23	5	.	11	.	0	get it		

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):* N4 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies
freeze_meeting: NP-18 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-14	2002-01-02	1	.	0	.	0	NP-010586	get it	<i>remarks - general:</i>	2001-10-26: renumbered from 23.178. NP-24: txferred to N4 on closure of N2.
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		

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Server location: 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		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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			
	S2-20	2001-11-20	0 . 2 . 0			absorbed into S5 specs (esp 32.225).			
	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> KÄLL, Jan	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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		G: U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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>	.		

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

TR 23.910	Circuit switched data bearer services					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-14 2002-01-11 5 . 0 . 0	get it	<i>remarks - general:</i> 03.10 GSM only @ TSG#5	Replaced by 3G Report 23.910(+post TSG#4 approval)		
	NP-17 2002-09-17 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 2003-01-06 5 . 2 . 0	get it				
	NP-19 2003-03-27 5 . 3 . 0	get it				
	NP-21 2003-10-01 5 . 4 . 0	get it				

TR 23.981	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i>	<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert 23.881 to			
			<i>remarks - this release:</i> SP-24: to be back-created by CRs to the Rel-6 instance. 23.981. Agreed at S2-39.			

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

TS 24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration					
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> NP-15	<i>G:</i> yes U: yes	<i>MCC:</i> JURISIC, Andrijana	Skov		
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-19 2003-03-24 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	correction of typo on cover page 2003-06-02 5 . 1 . 1	get it				

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ACTIVE specs Rel-5 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-5 *current version:* 5.2.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-16	2002-06-24	5	.	0	.	0	get it <i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
NP-17	2002-09-17	5	.	1	.	0	get it <i>remarks - this release:</i> .
NP-24	2004-06-21	5	.	2	.	0	get it

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

Rel-5 *current version:* 5.12.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-12	2001-07-13	5	.	0	.	0	get it <i>remarks - general:</i>
NP-13	2001-10-05	5	.	1	.	0	get it <i>remarks - this release:</i> .
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	2004-03-22	5	.	11	.	0	get it
NP-24	2004-06-15	5	.	12	.	0	get it

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 Peter MOTOROLA A/S
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* Skov
KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	2002-06-24	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 access.

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

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> NP-15			Skov					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana					
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-28	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4				
	NP-18 2002-12-18	5 . 1 . 0	get it	<i>remarks - this release:</i>	.				
	NP-20 2003-07-03	5 . 2 . 0	get it						
<hr/>									
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	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</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) Interface".				
	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						
<hr/>									
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> NP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</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>	.				
<hr/>									
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG					
	<i>freeze_meeting:</i> NP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-24	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				

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

TS 24.072	Call Deflection Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-24 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-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				
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-24 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 24.082	Call Forwarding supplementary service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> NP-15	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-25 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD
	<i>freeze_meeting:</i> NP-15	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-25 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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

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, comments):</i>					
	NP-16 2002-06-25 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

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

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

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

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* N1 / - *rapporteur:* KISS, Krisztian
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-10	2001-01-05	0	1	0	N1-001114->1378 (NP-000683)	get it	<i>remarks - general:</i>
draft	2001-03-26	0	4	0		get it	<i>remarks - this release:</i>
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	2004-03-22	5	8	0		get it	
NP-24	2004-06-14	5	9	0		get it	

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

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

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-10		0	.	0	.	6			<i>remarks - general:</i>	NP-14: confirmed that this is appropriate for GSM as well as UMTS.
NP-10	2001-01-05	0	.	0	.	7	N1-001115->1379 (NP-000684)	get it	<i>remarks - this release:</i>	
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	2004-03-22	5	.	8	.	0		get it		
NP-24	2004-06-14	5	.	9	.	0		get it		

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

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

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

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

Rel-5 *current version:* 5.11.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-13	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	2002-10-04	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-21	2003-10-10	5	.	8	.	0	
RP-22	2004-01-23	5	.	9	.	0	
RP-23	2004-04-01	5	.	10	.	0	
RP-24	2004-06-24	5	.	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-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, comments):

RP-15	2002-03-29	5	.	0	.	0	
editor post RP-15	2002-04-15	5	.	0	.	1	Fixes change history table entry.
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-22	2004-01-20	5	.	6	.	0	

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

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ACTIVE specs Rel-5 25 .- series
Server location: 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, comments):

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:* .
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TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-5 *current version:* 5.6.0

freeze_meeting: RP-15

history (event, available, version, comments):

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
RP-24	2004-06-24	5	.	6	.	0

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

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

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

TS 25.106	UTRA repeater radio transmission and reception								
Rel-5	<i>current version:</i> 5.8.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NILSSON, Martin					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> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-03-29	5 . 0 . 0	get it					<i>remarks - general:</i>
	RP-16	2002-07-01	5 . 1 . 0	get it					<i>remarks - this release:</i> .
	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-21	2003-10-10	5 . 6 . 0	get it					
	RP-22	2004-01-20	5 . 7 . 0	get it					
	RP-24	2004-06-24	5 . 8 . 0	get it					

TS 25.113	Base station and repeater electromagnetic compatibility (EMC)								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BARNES, David					DTI - Department of Trade and Industry
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	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					

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

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

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-15	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	2004-04-01	5	.	8	.	0	get it
RP-24	2004-06-24	5	.	9	.	0	get it

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

Rel-5 *current version:* 5.11.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-13	2001-10-10	5	.	0	.	0	get it <i>remarks - general:</i>
RP-14	2002-01-17	5	.	1	.	0	get it <i>remarks - this release: .</i>
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	2004-04-01	5	.	10	.	0	get it
RP-24	2004-06-24	5	.	11	.	0	get it

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

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

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, comments):

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

	RP-15	2002-03-29	5	.	0	.	0		get it	<i>remarks - general:</i>
	RP-16	2002-07-04	5	.	1	.	0		get it	<i>remarks - this release:</i> .
	RP-17	2002-10-04	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	
	RP-24	2004-06-24	5	.	7	.	0		get it	

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

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

TS 25.143 UTRA repeater conformance testing

Rel-5 *current version:* 5.8.0

freeze_meeting: RP-15

WG (prime / other): R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - An Andrew Company

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

history (event, available, version, comments):

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
RP-24	2004-06-24	5	.	8	.	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](#)

[get it](#)

[get it](#)

TS 25.201 Physical layer - general description

Rel-5 *current version:* 5.2.0

freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson

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

history (event, available, version, comments):

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](#)

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

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB

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

history (event, available, version, comments):

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-20	2003-06-27	5	.	4	.	0
RP-21	2003-09-29	5	.	5	.	0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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

TS 25.212 Multiplexing and channel coding (FDD)

Rel-5 *current version:* 5.9.0

freeze_meeting: RP-15

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

history (event, available, version, comments):

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	2004-04-02	5	.	8	.	0
RP-24	2004-06-18	5	.	9	.	0

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

TS 25.213 Spreading and modulation (FDD)

Rel-5 *current version:* 5.5.0

freeze_meeting: RP-15

WG (prime / other): R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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-19	2003-04-04	5	.	3	.	0
RP-21	2003-09-29	5	.	4	.	0
RP-22	2004-01-14	5	.	5	.	0

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

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

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

TS 25.214	Physical layer procedures (FDD)					
Rel-5	<i>current version:</i> 5.9.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</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 2004-04-02 5 . 8 . 0	get it				
	RP-24 2004-06-18 5 . 9 . 0	get it				

TS 25.215	Physical layer; Measurements (FDD)					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> SUZUKI, Hidetoshi	Panasonic Mobile Communications Co.,Ltd.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	RP-15 2002-03-29 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 2002-09-27 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-18 2003-01-07 5 . 2 . 0	get it				
	RP-19 2003-04-04 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				

TS 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAPMAN, Thomas	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</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				

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

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

TS 25.222	Multiplexing and channel coding (TDD)					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i>	R1 / -	<i>rapporteur:</i>	BEALE, Martin	IPWireless Inc.
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
	<i>history (event, available, version, comments):</i>					
	RP-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			
	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.	
<hr/>						
TS 25.223	Spreading and modulation (TDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R1 / -	<i>rapporteur:</i>	ANDERSON, Nicholas	IPWireless Inc.
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
	<i>history (event, available, version, comments):</i>					
	RP-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-18 2003-01-07	5 . 2 . 0	get it			
	RP-19 2003-04-04	5 . 3 . 0	get it			
<hr/>						
TS 25.224	Physical layer procedures (TDD)					
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i>	R1 / -	<i>rapporteur:</i>	RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS CORPORATION
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
	<i>history (event, available, version, comments):</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			
	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			

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

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

TS 25.225	Physical layer; Measurements (TDD)						
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CZAPLA, Liliana	INTERDIGITAL COMMUNICATIONS CORPORATION			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</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> .				
	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-22 2004-01-14 5 . 6 . 0	get it					
	RP-23 2004-04-02 5 . 7 . 0	get it					

TS 25.301	Radio Interface Protocol Architecture						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>						
	RP-15 2002-03-19 5 . 0 . 0	get it	<i>remarks - general:</i>				
	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					

TS 25.302	Services provided by the physical layer						
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>						
	RP-15 2002-03-19 5 . 0 . 0	get it	<i>remarks - general:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5?				
	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 2002-12-20 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					

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

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

TS 25.303	Interlayer procedures in Connected Mode					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J	Nokia Research Center		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15 2002-03-19 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 2002-06-17 5 . 1 . 0	get it	<i>remarks - this release:</i>	.		
<hr/>						
TS 25.304	User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARRETO, Luis	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15 2002-03-19 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 2002-06-17 5 . 1 . 0	get it	<i>remarks - this release:</i>	.		
	RP-18 2003-01-08 5 . 2 . 0	get it				
	RP-20 2003-06-25 5 . 3 . 0	get it				
	RP-23 2004-03-24 5 . 4 . 0	get it				
	RP-24 2004-06-17 5 . 5 . 0	get it				
<hr/>						
TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-5	<i>current version:</i> 5.9.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-11 2001-03-27 5 . 0 . 0	get it	<i>remarks - general:</i>	Created from 25.923		
	RP-12 2001-06-19 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	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				
	RP-24 2004-06-17 5 . 9 . 0	get it				

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

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

TS 25.306 UE Radio Access capabilities definition

Rel-5 *current version:* 5.8.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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	2004-03-24	5	.	8	.	0	get it

TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-15	2002-03-19	5	.	0	.	0	get it <i>remarks - general:</i> Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4
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. = RF & RMM requirements.
RP-23	2004-03-24	5	.	2	.	0	get it

TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-13	2001-10-01	0	.	1	.	0	RP-010643 for approval 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	2004-03-24	5	.	5	.	0	get it

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

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

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-5 *current version:* 5.9.0 *WG (prime / other):* R2 / - *rapporteur:* STADLER, Thomas SIEMENS AG
freeze_meeting: RP-15 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-15	2002-03-19	5	.	0	.	0	get it <i>remarks - general:</i>
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	2004-03-24	5	.	8	.	0	get it
RP-24	2004-06-17	5	.	9	.	0	get it

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5 *current version:* 5.8.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
freeze_meeting: RP-15 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-15	2002-03-19	5	.	0	.	0	get it <i>remarks - general:</i>
RP-16	2002-06-17	5	.	1	.	0	get it <i>remarks - this release:</i> .
RP-17	2002-09-19	5	.	2	.	0	get it
RP-18	2003-01-10	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-24	2004-06-17	5	.	8	.	0	get it

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-5 *current version:* 5.2.0 *WG (prime / other):* R2 / - *rapporteur:* HANS, Martin INFINEON TECHNOLOGIES
freeze_meeting: RP-15 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-15	2002-03-19	5	.	0	.	0	get it <i>remarks - general:</i>
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

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

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH
freeze_meeting: RP-15 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
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 2003-01-13 5 . 2 . 0 [get it](#)
RP-19 2003-03-25 5 . 3 . 0 [get it](#)
RP-24 2004-06-17 5 . 4 . 0 [get it](#)

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version:* 5.9.0 *WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-15 2002-04-04 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 2002-06-21 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 2002-10-01 5 . 2 . 0 [get it](#)
RP-18 2003-02-03 5 . 3 . 0 [get it](#)
RP-19 2003-03-27 5 . 4 . 0 [get it](#)
RP-20 2003-06-25 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](#)
edito post RP-22 2004-01-20 5 . 7 . 1 [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.
RP-23 2004-03-29 5 . 8 . 0 [get it](#)
RP-24 2004-07-01 5 . 9 . 0 [get it](#)

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

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

TS 25.401	UTRAN overall description								
Rel-5	<i>current version:</i> 5.8.0		<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>				CALDENHOVEN, Juergen
	<i>history (event, available, version, comments):</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	
	RP-24	2004-06-23	5	.	8	.	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, comments):</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 lu Interface: General Aspects and Principles								
Rel-5	<i>current version:</i> 5.4.0		<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, comments):</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	
	RP-24	2004-06-18	5	.	4	.	0	get it	

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

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

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		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-15 2002-03-25 5 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 25.412	UTRAN Iu interface signalling transport								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> NG, Cheng Hock	NEC Corporation			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-15 2002-03-25 5 . 0 . 0			get it	<i>remarks - general:</i>				
	RP-17 2002-09-30 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
<hr/>									
TS 25.413	UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling								
Rel-5	<i>current version:</i> 5.9.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> GUYOT, Olivier	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-15 2002-04-02 5 . 0 . 0			get it	<i>remarks - general:</i>				
	RP-16 2002-07-05 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
	RP-17 2002-10-11 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-21 2003-09-30 5 . 6 . 0			get it					
	RP-22 2004-01-13 5 . 7 . 0			get it					
	RP-23 2004-04-01 5 . 8 . 0			get it					
	RP-24 2004-06-21 5 . 9 . 0			get it					

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

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

TS 25.414 UTRAN lu interface data transport & transport signalling

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

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	2002-09-30	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-22	2004-01-13	5	.	5	.	0	get it
RP-24	2004-06-18	5	.	6	.	0	get it

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

TS 25.415 UTRAN lu interface user plane protocols

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

RP-15	2002-03-25	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	2002-09-30	5	.	2	.	0	get it
RP-18	2003-01-03	5	.	3	.	0	get it

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

TP-15	2002-03-25	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-19	2003-03-26	5	.	3	.	0	get it
RP-20	2003-06-17	5	.	4	.	0	get it
RP-21	2003-09-30	5	.	5	.	0	get it
RP-22	2004-01-13	5	.	6	.	0	get it
RP-23	2004-04-01	5	.	7	.	0	get it

WG (prime / other): R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

TS 25.420	UTRAN Iur Interface: General Aspects and Principles								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> PALAT, Sudeep		Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>
	RP-17	2002-10-03	5	.	1	.	0	get it	<i>remarks - this release:</i> .
	RP-24	2004-06-18	5	.	2	.	0	get it	
<hr/>									
TS 25.421	UTRAN Iur interface Layer 1								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> 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, comments):</i>								
	TP-15	2002-03-25	5	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 25.422	UTRAN Iur interface signalling transport								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> PALAT, Sudeep		Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>
	RP-17	2002-10-03	5	.	1	.	0	get it	<i>remarks - this release:</i> .
<hr/>									
TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling								
Rel-5	<i>current version:</i> 5.10.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> ERICSSON, Ingela		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>		CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-04-02	5	.	0	.	0	get it	<i>remarks - general:</i>
	RP-16	2002-07-19	5	.	1	.	0	get it	<i>remarks - this release:</i> .
PCG post	RP-16	2002-08-06	5	.	2	.	0	get it	One CR endorsed by PCG
	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	2004-04-01	5	.	9	.	0	get it	
	RP-24	2004-06-23	5	.	10	.	0	get it	

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

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

TS 25.424 UTRAN lur 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, comments):

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-21	2003-09-30	5	.	2	.	0	get it
RP-22	2004-01-13	5	.	3	.	0	get it
RP-23	2004-04-01	5	.	4	.	0	get it

TS 25.425 UTRAN lur 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, comments):

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	2004-04-01	5	.	7	.	0	get it

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation
freeze_meeting: RP-15 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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	2004-04-01	5	.	4	.	0	get it
RP-24	2004-06-18	5	.	5	.	0	get it

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

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

TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	HAKULI, Tuomas	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	G:		U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-03-25	5	.	0	.	0		get it <i>remarks - general:</i>
	RP-18	2003-01-03	5	.	1	.	0		<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
<hr/>									
TS 25.430	UTRAN Iub Interface: General Aspects and Principles								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	KOIZUMI, Yoshiko	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	G:		U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-03-25	5	.	0	.	0		get it <i>remarks - general:</i>
edito post	RP-15		5	.	0	.	1	not produced	<i>remarks - this release:</i> .
	RP-16	2002-06-28	5	.	1	.	0	To include CR029r2 from RP-15 which was forgotten in v5.0.0.	get it
	RP-17	2002-10-03	5	.	2	.	0		get it
	RP-24	2004-06-18	5	.	3	.	0		get it
<hr/>									
TS 25.431	UTRAN Iub interface Layer 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	KUNZ, Walter	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	G:		U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-03-25	5	.	0	.	0		get it <i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TS 25.432	UTRAN Iub interface: signalling transport								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	KOIZUMI, Yoshiko	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	G:		U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-03-25	5	.	0	.	0		get it <i>remarks - general:</i>
edito post	RP-15	2002-04-03	5	.	0	.	1		<i>remarks - this release:</i> .
	RP-17	2002-10-03	5	.	1	.	0		get it

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

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ACTIVE specs Rel-5 25 .- series
Server location: 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								
	<i>history (event, available, version, comments):</i>		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> CALDENHOVEN, Juergen				
	RP-15 2002-03-28	5 . 0 . 0				get it	<i>remarks - general:</i>		
	edito post RP-15	5 . 0 . 1					<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		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-12	2 . 0 . 0					<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		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-12	2 . 0 . 0					<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		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-13 2001-09-26	2 . 0 . 0				get it	<i>remarks - general:</i>		
	RP-13 2001-10-12	5 . 0 . 0				get it	<i>remarks - this release:</i>		
<hr/>									

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

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

TS 25.453	UTRAN Iu-PS 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	<i>G:</i>		<i>MCC:</i>	CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</i>						
	RP-12	2 . 0 . 0	RP-010402				<i>remarks - general:</i>
	RP-12 2001-07-05	5 . 0 . 0					<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 2004-04-06	5 . 9 . 0					get it

TR 25.854	Uplink Synchronous Transmission Scheme (USTS)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	R1 /	<i>rapporteur:</i>	KIM, Duk Kyung	SK TELECOM	
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-11 2001-04-05	1 . 0 . 0	RP-010428 at RP-12				<i>remarks - general:</i>
	RP-13 2001-10-01	1 . 0 . 0	RP-010647				<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	<i>G:</i>		<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-14 2002-01-02	1 . 0 . 0	RP-010823				<i>remarks - general:</i>
	RP-15 2002-04-04	2 . 0 . 0	RP-020255				<i>remarks - this release:</i> .
	RP-15 2002-03-29	5 . 0 . 0					get it

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

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

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, comments):</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	RP-010560	get it	
	RP-15 2002-03-19	2	.	0	.	0	RP-020089	get it	
	RP-15 2002-03-19	2	.	0	.	1	RP-020214	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, comments):</i>									
	RP-15 2002-03-19	1	.	0	.	0	RP-020087	get it	<i>remarks - general:</i>
	RP-16 2002-06-25	2	.	0	.	0	RP-020344	get it	<i>remarks - this release:</i> .
	RP-16 2002-06-17	5	.	0	.	0		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, comments):</i>									
	RP-13 2001-10-01	1	.	0	.	0	RP-010668	get it	<i>remarks - general:</i>
	RP-14 2002-01-02	1	.	1	.	0	RP-010898	get it	<i>remarks - this release:</i> .
	RP-15 2002-03-19	1	.	1	.	1	RP-020202	get it	
	RP-15 2002-03-29	5	.	0	.	0		get it	
	post RP-15 editorial 2002-04-15	5	.	0	.	1		get it	

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

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

TR 25.870	Enhancement on the DSCH Hard Split mode								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 /		<i>rapporteur:</i> KIM, Jaeyoel		Samsung Electronics Ind. Co., Ltd.		
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>								
	RP-12 2001-06-28	0 . 1 . 0			get it			<i>remarks - general:</i>	
	draft 2001-09-14	1 . 0 . 0			get it			<i>remarks - this release:</i>	
	RP-14 2002-01-02	1 . 1 . 0			get it				
	RP-15 2002-03-19	2 . 0 . 0			get it				
	RP-15 2002-03-29	5 . 0 . 0			get it				
<hr/>									
TR 25.875	NAS node selector function								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> MCWILLIAMS, Brendan		VODAFONE Group Plc		
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-11 2001-04-06	0 . 0 . 1			get it			<i>remarks - general:</i>	
	RP-14 2002-01-02	1 . 0 . 0			get it			<i>remarks - this release:</i>	
	RP-15 2002-03-19	2 . 0 . 0			get it				
	RP-15 2002-03-25	5 . 0 . 0			get it				
<hr/>									
TR 25.877	High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> DIESEN, Michael		MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	draft 2001-10-12	0 . 1 . 0			get it			<i>remarks - general:</i>	
	draft 2001-11-07	0 . 2 . 2			get it			<i>remarks - this release:</i>	
	draft 2002-01-02	0 . 3 . 1			get it				
	RP-15 2002-02-28	1 . 0 . 0			get it				
	RP-15 2002-02-28	2 . 0 . 0			get it				
	RP-15 2002-03-25	5 . 0 . 0			get it				
	RP-16 2002-06-28	5 . 1 . 0			get it				

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

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

TS 25.880	Re-arrangement of lub transport bearers								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HAUTALA, Jari	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	draft		0 . 0 . 1					<i>remarks - general:</i>	2003-01: title changed from "Traffic termination point swapping" some time ago.
	R3-21		0 . 0 . 2					<i>remarks - this release:</i>	.
	R3-21		0 . 1 . 0	RP-010609					
	R3-23		0 . 1 . 1						
	R3-24		0 . 2 . 0						
	draft		0 . 2 . 1						
	R3-25		0 . 3 . 0						
	draft 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	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	R3-23		0 . 2 . 0	Status report in RP-010611				<i>remarks - general:</i>	
	draft		0 . 4 . 0					<i>remarks - this release:</i>	.
	draft		0 . 4 . 1	04/12/2001					
	RP-14 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		

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

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

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, comments):</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		
<hr/>					
TR 25.883	Direct Transport Bearers Between SRNC and Node-B				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VAN LIESHOUT, Gert-Jan	SAMSUNG Electronics Research Institute	
	<i>freeze_meeting:</i> RP-16	G: U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen	
	<i>history (event, available, version, comments):</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		
<hr/>					
TR 25.884	Iur Neighbouring cell reporting efficiency optimisation				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VOLTOLINA, Elena Eva	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen	
	<i>history (event, available, version, comments):</i>				
	referred to at RP-13 2002-01-11 0 . 1 . 0		get it	<i>remarks - general:</i> Previous rapporteur: Shahrokh Amirijoo.	
				<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		

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

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

TR 25.921	Guidelines and principles for protocol description and error handling						
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARRETO, Luis	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</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 2004-03-26 5 . 4 . 0	get it					
	RP-24 2004-06-17 5 . 5 . 0	get it					
<hr/>							
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> HUS, Olivier	Philips Research Laboratories			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</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 2004-03-24 5 . 3 . 0	get it					
<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, comments):</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, comments):</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					

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

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

TR 25.942	Radio Frequency (RF) system scenarios				
Rel-5	<i>current version:</i> 5.3.0	<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, comments):</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 2004-04-01 5 . 2 . 0	get it			
	RP-24 2004-06-24 5 . 3 . 0	get it			
<hr/>					
TR 25.943	Deployment aspects				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-15 2002-04-02 5 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 2002-05-03 5 . 0 . 1	get it	<i>remarks - this release:</i>	.	
	RP-16 2002-07-03 5 . 1 . 0	get it			
<hr/>					
TR 25.945	RF requirements for low chip rate TDD option				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> ZHANG, Daijun	China Academy of Telecommunications Technology	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-15 2002-04-02 5 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-23 2004-04-01 5 . 1 . 0	get it	<i>remarks - this release:</i>	.	
<hr/>					
TR 25.952	Base Station classification (TDD)				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> AXNESS, Timothy	INTERDIGITAL COMMUNICATIONS CORPORATION	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-12 2 . 0 . 0 RP-010457		<i>remarks - general:</i>		
	RP-12 2001-06-29 5 . 0 . 0	get it	<i>remarks - this release:</i>	promoted from Rel-4 at RP-12.	
	RP-16 2002-07-03 5 . 1 . 0	get it			
	RP-19 2003-04-04 5 . 2 . 0	get it			

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

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

TR 25.956	UTRA repeater: Planning guidelines and system analysis								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GARCIA LOPEZ, Lorena TELEFONICA S.A.					
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-04-02	5 . 0 . 0			get it	<i>remarks - general:</i> .		
							<i>remarks - this release:</i> .		
<hr/>									
TR 25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MOSHAVI, Shimon INTEL CORPORATION SARL					
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	RP-14	2002-01-02	1 . 0 . 0	RP-010892		get it	<i>remarks - general:</i>		
	RP-15	2002-03-19	2 . 0 . 0	RP-020121		get it	<i>remarks - this release:</i> .		
	RP-15	2002-04-02	5 . 0 . 0			get it			
	RP-18	2003-01-10	5 . 1 . 0			get it			
<hr/>									
TR 25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-18	2003-01-13	5 . 0 . 0	Back creation from Rel-6 version		get it	<i>remarks - general:</i>		
	RP-22	2004-01-12	5 . 1 . 0			get it	<i>remarks - this release:</i> Pointer to latest release version.		
<hr/>									
TR 25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults								
Rel-5	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R2 / R1, R3, R4	<i>rapporteur:</i> COURAU, François ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>								
	RP-18	2003-01-06	0 . 0 . 0	RP-020880		get it	<i>remarks - general:</i> RP-20: Primary responsibility moved from RP to R2.		
							<i>remarks - this release:</i> .		

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

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

Rel-5 *current version:* 0.0.1 DRAFT *WG (prime / other):* R2 / R1, *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: SP-15 R3,
R4

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

history (event, available, version, comments):
draft 0 . 0 . 1

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

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, comments):
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, comments):
SP-16 2002-06-28 5 . 0 . 0
SP-19 2003-04-04 5 . 1 . 0
SP-21 2003-10-02 5 . 2 . 0

Note missing C-code line in CR which
created this version has been corrected
by WG Secretary.

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

SP-23 2004-04-01 5 . 3 . 0

[get it](#)

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, comments):
SP-16 2002-06-28 5 . 0 . 0

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

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

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ACTIVE specs Rel-5 26 .- series
Server location: 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-5	<i>current version:</i> 5.0.1	<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, comments):</i>					
	SP-16 2002-06-28	5 . 0 . 0		get it	<i>remarks - general:</i>	
	correct spelling 2003-06-17	5 . 0 . 1	No SDO publication necessary	get it	<i>remarks - this release:</i>	.
	mistake in title					
<hr/>						
TS 26.090	AMR speech Codec; Transcoding Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 26.091	AMR speech Codec; Error concealment of lost frames					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-17 2002-09-24	5 . 1 . 0		get it	<i>remarks - this release:</i>	.
	SP-18 2003-01-03	5 . 2 . 0		get it		

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

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

TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
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	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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		
<hr/>						
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	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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		

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

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

TS 26.104	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	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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 2004-04-01 5 . 4 . 0	get it				
<hr/>						
TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-5	<i>current version:</i> 5.1.0	<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, comments):</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, comments):</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, comments):</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				

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

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

TS 26.132	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, comments):</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				

TS 26.140	Multimedia Messaging Service (MMS); Media formats and codes					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / T2	<i>rapporteur:</i> CASTAGNO, Roberto	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-14 2002-01-02 1 . 0 . 0 SP-010695	get it	<i>remarks - general:</i>			
	SP-15 2002-03-19 2 . 0 . 0 SP-020075	get it	<i>remarks - this release:</i> .			
	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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-10 1 . 0 . 0		<i>remarks - general:</i>			
	SP-11 2001-04-10 5 . 0 . 0	get it	<i>remarks - this release:</i>			

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

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

TS 26.173	ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-W) speech codec					
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0			get it	<i>remarks - general:</i>	2001-10-01: added "G" flag.
	SP-12 2001-06-27 5 . 1 . 0			get it	<i>remarks - this release:</i>	
	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		

TS 26.174	AMR speech codec, wideband; Test sequences					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	EKUDDEN, Erik	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-12 2001-06-27 5 . 1 . 0			get it	<i>remarks - this release:</i>	
	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	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	VACANT,	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-14 2002-01-09 5 . 1 . 0			get it	<i>remarks - this release:</i>	

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

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

TS 26.191	AMR speech codec, wideband; Error concealment of lost frames					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-15 2002-03-28 5 . 1 . 0		get it	<i>remarks - this release:</i>		
<hr/>						
TS 26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 26.193	AMR speech codec, wideband; Source Controlled Rate operation					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 26.201	AMR speech codec, wideband; Frame structure					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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

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

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

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	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-14 2002-01-02	1 . 0 . 0	get it		<i>remarks - general:</i>	SP-010693
	SP-15 2002-03-19	2 . 0 . 0	get it		<i>remarks - this release:</i>	SP-020073
	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	Cellular text telephone modem; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10	5 . 0 . 0	get it		<i>remarks - general:</i>	SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text
					<i>remarks - this release:</i>	TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4. telephony (GTT);Transport of text in

the voice channel".

TS 26.230	Cellular text telephone modem; Transmitter bit exact C-code					
Rel-5	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10	5 . 0 . 0	get it		<i>remarks - general:</i>	SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text
	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 telephony (GTT); Cellular text telephone modem
	transmitter C-code description" to					reflect document
	remove copyright 2004-07-27	5 . 0 . 2	get it			
	from C-code					
	source files					

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

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

TS 26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnicor AB		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				
<hr/>						
TS 26.233	End-to-end transparent streaming service; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-15 2002-03-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>	.		
<hr/>						
TS 26.234	Transparent end-to-end streaming service; Protocols and codecs					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-15 2002-03-28 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-16 2002-06-28 5 . 1 . 0	get it	<i>remarks - this release:</i>	.		
	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				
<hr/>						
TS 26.235	Packet switched conversational multimedia applications; Default codecs					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi	Nokia Research Center		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-12 2001-06-27 5 . 0 . 0	get it	<i>remarks - general:</i>			based on v4.1.0
	SP-15 2002-03-28 5 . 1 . 0	get it	<i>remarks - this release:</i>	SP-12: transferred to Rel-5.		

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

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

TS 26.236	Packet switched conversational multimedia applications; Transport protocols								
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	OJALA, Pasi	Nokia Research Center			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	SP-14 2002-01-02	1 . 0 . 0	SP-010694	get it	<i>remarks - general:</i>				
	SP-15 2002-03-19	2 . 0 . 0	SP-020074	get it	<i>remarks - this release:</i>				
	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					
	SP-24 2004-06-18	5 . 5 . 0		get it					

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:	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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>				

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, comments):</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:			
	draft 2003-04-04	1 . 4 . 0		get it		still under revision, anticipated for approval at SP-20.			
	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					

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:	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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>				

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

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

TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

draft		0	.	0	.	1			<i>remarks - general:</i> Cf 26.975.
SP-12	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	

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

history (event, available, version, comments):

NP-14	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	2002-06-24	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	
NP-24	2004-06-18	5	.	8	.	0		get it	

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-14	2002-01-11	5	.	0	.	0		get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .

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

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

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

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

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

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

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

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

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* T2 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-14 2002-01-15 5 . 0 . 0
TP-15 2002-04-04 5 . 1 . 0
TP-18 2002-12-20 5 . 2 . 0
TP-19 2003-03-31 5 . 3 . 0
TP-21 2003-10-03 5 . 4 . 0

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-16 2002-06-26 5 . 0 . 0

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

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

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

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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

TS 27.103 Wide Area Network Synchronization

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-16	2002-06-26	5	.	0	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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TR 27.901 Report on Terminal Interfaces - An Overview

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-16	2002-06-26	5	.	0	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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Rel-5 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

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

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ACTIVE specs 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 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-15	2002-03-28	5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-16	2002-06-28	5 . 1 . 0	get it	<i>remarks - this release:</i> .
SP-17	2002-09-24	5 . 2 . 0	get it	
SP-18	2003-01-03	5 . 3 . 0	get it	
SP-21	2003-10-03	5 . 4 . 0	get it	

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

TS 29.002 Mobile Application Part (MAP) specification

Rel-5 *current version:* 5.10.0 *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, comments):

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	2004-03-23	5 . 9 . 0	get it	
NP-24	2004-06-17	5 . 10 . 0	get it	

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

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

TS 29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone				
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	NP-14 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 2004-03-22 5 . 9 . 0	get it			
	NP-24 2004-06-18 5 . 10 . 0	get it			
<hr/>					
TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling				
Rel-5	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	<i>5.6.0WG (prime / other):</i> N4	<i>rapporteur:</i> KYMALAINEN, Kimmo		
	TeliaSonera AB				
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 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 2004-03-23 5 . 6 . 0	get it			
<hr/>					
TS 29.011	Signalling Interworking for Supplementary Services				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 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 access.

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

TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>					
	NP-16	2002-06-25	5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>					
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</i>					
	NP-16	2002-06-26	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</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> .
	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	

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

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

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface					
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> NP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-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	2004-03-24	5 . 9 . 0	get it		
	NP-24	2004-06-15	5 . 10 . 0	get it		

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> 5.9.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-14	2002-01-14	5 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the Public
	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 frozen
	Land Mobile Network (PLMN) supporting GPRS and Packet".					
					frozen; withdraw SDO publications?	yet. So change freeze date from March 2002 to Sept 2002.
	NP-16	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		
	NP-24	2004-06-18	5 . 9 . 0	get it		

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

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

TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification								
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	NP-16	2002-06-18	5 . 0 . 0	get it	<i>remarks - general:</i>	NP-24: txferred to N4 on closure of N2.			
	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	2004-03-29	5 . 7 . 0	get it					
	NP-24	2004-06-17	5 . 8 . 0	get it					

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG					
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: CALDENHOVEN, Juergen						
	<i>history (event, available, version, comments):</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					
	RP-24	2004-06-18	5 . 4 . 0	get it					

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited					
	<i>freeze_meeting:</i> NP-15	G: U: yes	MCC: KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	NP-16	2002-06-25	5 . 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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation					
	<i>freeze_meeting:</i> NP-15	G: U: yes	MCC: KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	NP-16	2002-06-25	5 . 0 . 0	get it	<i>remarks - general:</i>	New after TSG#5			
					<i>remarks - this release:</i>	.			

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

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

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-06-26	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release:</i> .
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). get it
NP-23b	2004-04-19	5	.	5	.	0	get it
NP-24	2004-08-04	5	.	6	.	0	get it

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-06-26	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release:</i> .
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). get it
NP-23b	2004-04-19	5	.	6	.	0	get it
NP-24	2004-08-04	5	.	7	.	0	get it

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

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-07-05	5 . 0 . 0	get it	<i>remarks - general:</i>
NP-17	2002-10-01	5 . 1 . 0	get it	<i>remarks - this release:</i> .
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).
NP-23b	2004-04-19	5 . 6 . 0	get it	
NP-24	2004-08-04	5 . 7 . 0	get it	

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i>
NP-17	2002-10-01	5 . 1 . 0	get it	<i>remarks - this release:</i> .
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-23b	2004-04-19	5 . 5 . 0	get it	
NP-24	2004-08-04	5 . 6 . 0	get it	

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

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

TS 29.198-04-2 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:* 5.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-07-19	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release: .</i>
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). get it
NP-23b	2004-04-19	5	.	6	.	0	get it
NP-24	2004-08-04	5	.	7	.	0	get it

TS 29.198-04-3 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:* 5.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-07-19	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release: .</i>
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). get it
NP-23b	2004-04-19	5	.	6	.	0	get it
NP-24	2004-08-04	5	.	7	.	0	get it

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

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ACTIVE specs Rel-5 29 .- series
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TS 29.198-04-4 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:* 5.7.0 *WG (prime / other):* N5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-07-19	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release: .</i>
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). get it
NP-23b	2004-04-19	5	.	6	.	0	get it
NP-24	2004-08-04	5	.	7	.	0	get it

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N5 / *rporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-06-26	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release: .</i>
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA). get it
NP-23b	2004-04-19	5	.	6	.	0	get it
NP-24	2004-08-04	5	.	7	.	0	get it

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

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

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

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, comments):

NP-16	2002-06-26	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release:</i> .
NP-19	2003-04-04	5	.	2	.	0	get it
NP-21	2003-09-30	5	.	3	.	0	get it
NP-23b	2004-04-19	5	.	4	.	0	get it
NP-24	2004-08-04	5	.	5	.	0	get it

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-15	2002-03-27	5	.	0	.	0	get it <i>remarks - general:</i>
NP-16	2002-06-26	5	.	1	.	0	get it <i>remarks - this release:</i> .
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
NP-23b	2004-04-19	5	.	5	.	0	get it
NP-24	2004-08-04	5	.	6	.	0	get it

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-06-26	5	.	0	.	0	get it <i>remarks - general:</i>
NP-17	2002-10-01	5	.	1	.	0	get it <i>remarks - this release:</i> .
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-23b	2004-04-19	5	.	5	.	0	get it
NP-24	2004-08-04	5	.	6	.	0	get it

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

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

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

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, comments):

NP-16	2002-07-05	5 . 0 . 0	get it	<i>remarks - general:</i>
NP-17	2002-10-01	5 . 1 . 0	get it	<i>remarks - this release:</i> .
NP-19	2003-04-04	5 . 2 . 0	get it	
NP-21	2003-09-30	5 . 3 . 0	get it	
NP-23b	2004-04-19	5 . 4 . 0	get it	
NP-24	2004-08-04	5 . 5 . 0	get it	

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-16	2002-07-05	5 . 0 . 0	get it	<i>remarks - general:</i>
NP-17	2002-10-01	5 . 1 . 0	get it	<i>remarks - this release:</i> .
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).
NP-23b	2004-04-19	5 . 5 . 0	get it	
NP-24	2004-08-04	5 . 6 . 0	get it	

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

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft	2002-01-29	0	.	0	.	1	N5-020036	get it	<i>remarks - general:</i>
draft	2002-04-22	1	.	0	.	0		get it	<i>remarks - this release:</i> .
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	
NP-23b	2004-04-19	5	.	4	.	0		get it	
NP-24	2004-08-04	5	.	5	.	0		get it	

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft	2002-04-22	1	.	0	.	0		get it	<i>remarks - general:</i>
NP-16	2002-05-31	2	.	0	.	0	NP-020196	get it	<i>remarks - this release:</i> .
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	Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).	get it	
NP-23b	2004-04-19	5	.	5	.	0		get it	
NP-24	2004-08-04	5	.	6	.	0		get it	

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

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

TS 29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> ANGELO, Ciriaco	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-16 2002-06-25 5 . 0 . 0	get it	<i>remarks - general:</i>				
	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					
<hr/>							
TS 29.205	Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> HEIDERMARK, Alf	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-16 2002-06-25 5 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-20 2003-06-27 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 29.207	Policy control over Go interface						
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation			
	<i>freeze_meeting:</i> NP-16	<i>G:</i> yes U: yes	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>						
	draft 2001-11-08 0 . 2 . 0	get it	<i>remarks - general:</i> NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".				
	draft 2002-01-14 0 . 5 . 0	get it	<i>remarks - this release:</i> .				
	draft 2002-02-18 0 . 6 . 0	get it					
	NP-15 2002-03-19 1 . 0 . 0	get it					NP-020078
	draft 2002-04-18 1 . 1 . 0	get it					
	NP-16 2002-06-26 2 . 0 . 0	get it					NP-020167 (RFC ref needs cleaning up)
	NP-16 2002-06-28 5 . 0 . 0	get it					
	NP-17 2002-09-19 5 . 1 . 0	get it					
	NP-18 2003-01-14 5 . 2 . 0	get it					
	NP-19 2003-03-27 5 . 3 . 0	get it					
	NP-20 2003-06-25 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 2004-01-13 5 . 6 . 0	get it					
	NP-23 2004-03-22 5 . 7 . 0	get it					
	NP-24 2004-06-18 5 . 8 . 0	get it					

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

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

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

Rel-5 *current version:* 5.8.0

freeze_meeting: NP-16

WG (prime / other): N3 / *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation
G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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 NP-19	2003-04-09	5 . 3 . 1		get it	
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	2004-03-22	5 . 7 . 0		get it	
NP-24	2004-06-18	5 . 8 . 0		get it	

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

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

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

Rel-5 *current version:* 5.8.0 *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, comments):

NP-12	2001-07-04	0 . 1 . 0	NP-010303	get it	<i>remarks - general:</i> Additional rapporteur: Miguel-Angel Pallares-Lopez
N4-08		0 . 2 . 0	N4-010697		<i>remarks - this release:</i> .
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	get it	
draft	2002-03-28	1 . 1 . 0		get it	
NP-16	2002-06-25	2 . 0 . 0	NP-020264	get it	
NP-16	2002-06-25	5 . 0 . 0		get it	
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-21	2003-10-09	5 . 5 . 0		get it	
NP-22	2004-01-12	5 . 6 . 0		get it	
NP-23	2004-03-24	5 . 7 . 0		get it	
NP-24	2004-06-15	5 . 8 . 0		get it	

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

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

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

Rel-5 *current version:* 5.7.0 *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, comments):

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	
NP-24	2004-06-15	5	.	7	.	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, comments):

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	2004-03-23	5	.	7	.	0	

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

remarks - this release: .

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

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ACTIVE specs Rel-5 29 .- series
Server location: 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> N4 / -	<i>rapporteur:</i> REMOQUILLO, Angelica	Lucent Technologies
	<i>freeze_meeting:</i> NP-18	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>			
	N2-25	0 . 1 . 0		<i>remarks - general:</i> NP-16 Existance hinted at in N2 report. Draft believed to have been seen at N2. NP-24:
closure of 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. txferred to N4 on
	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	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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 lost annex E post NP-18	2003-01-08	5 . 2 . 1		get it
	NP-19	2003-04-07	5 . 3 . 0	get it
attached XSD file	2003-04-25	5 . 3 . 1		get it
attached correct XSD file	2003-04-29	5 . 3 . 2	Says WG Secretary: nobody's perfect - except Bo Derek	get it
	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	2004-03-24	5 . 7 . 0	get it

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

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

TS 29.329	Sh interface based on the Diameter protocol								
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> BERRY, Nigel. H		Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> NP-16		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16	2002-06-26	2 . 0 . 1	NP-020266	get it		<i>remarks - general:</i>		
	NP-16	2002-06-25	5 . 0 . 0		get it		<i>remarks - this release:</i> .		
	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 allocated by IANA	get it				
	NP-23	2004-03-24	5 . 5 . 0		get it				
	NP-24	2004-06-15	5 . 6 . 0		get it				
<hr/>									
TS 29.414	Core network Nb data transport and transport signalling								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BELLING, Thomas		SIEMENS AG		
	<i>freeze_meeting:</i> NP-15		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	NP-15	2002-03-20	5 . 0 . 0		get it		<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
TS 29.415	Core network Nb interface user plane protocols								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BELLING, Thomas		SIEMENS AG		
	<i>freeze_meeting:</i> NP-15		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	NP-15	2002-03-20	5 . 0 . 0		get it		<i>remarks - general:</i>		
	NP-19	2003-03-27	5 . 1 . 0		get it		<i>remarks - this release:</i>		

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

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

TR 29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd				
	<i>freeze_meeting:</i> NP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
		0 . 0 . 1	2001-03					<i>remarks - general:</i>	Supersedes 29.203.
	NP-12 2001-07-04	0 . 1 . 0	NP-010361	get it				<i>remarks - this release:</i>	NP-11:creation Supersedes 29.203
	N4-08	0 . 1 . 1							
	N4-09	0 . 2 . 0							
	N4-10	0 . 3 . 0							
	N4-10	0 . 3 . 1							
	NP-14 2002-01-02	2 . 0 . 0	NP-010633	get it					
	NP-14 2002-01-10	5 . 0 . 0		get it					

TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-26	5 . 0 . 0		get it				<i>remarks - general:</i>	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest
	edito post NP-18 2002-12-16	5 . 0 . 1	minor editorials to change style from TS to TR.	get it				<i>remarks - this release:</i>	. Release version.

TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (API) mapping								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.				
	<i>freeze_meeting:</i> NP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-20	5 . 0 . 0		get it				<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.

TR 29.998-04-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.				
	<i>freeze_meeting:</i> NP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-20	5 . 0 . 0		get it				<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.

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

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

Rel-5 *current version:* 5.0.3 *WG (prime / other):* N5 / - *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft	2002-02-19	0	2	1	N5-020084	get it	<i>remarks - general:</i>	Evidence for existence unearthed in N5-020143.
draft	2002-04-22	1	0	0		get it	<i>remarks - this release:</i>	NP-15: Was originally Rel-6, but moved to Rel 5.
NP-16	2002-05-31	2	0	0	NP-020198 (RFC nos. to be corrected.)	get it		
NP-16	2002-06-20	5	0	0		get it		
edito post	NP-23	2004-03-29	5	0	1	updates IETF references	get it	
edito	2004-04-27	5	0	2	Updated reference to use RFC number.	get it		
edito post	NP-24	2004-06-24	5	0	3	RFC no.	get it	

TR 29.998-05-1 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, comments):

NP-16	2002-06-20	5	0	0		get it	<i>remarks - general:</i>	
							<i>remarks - this release:</i>	.

TR 29.998-05-4 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, comments):

NP-16	2002-06-20	5	0	0		get it	<i>remarks - general:</i>	
							<i>remarks - this release:</i>	.

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, comments):

NP-16	2002-06-20	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 access.

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

TR 29.998-08 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, comments):
NP-16 2002-06-20 5 . 0 . 0

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

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

TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-5 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):
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 3.0x
remarks - this release: . series.

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

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

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One
freeze_meeting: TP-21 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):
remarks - general: Test spec for 23.048.
remarks - this release:

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

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

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, comments):

TP-17 2002-09-18 5 . 0 . 0
TP-18 2003-01-02 5 . 1 . 0

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[get it](#) *remarks - this release:* TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.

TS 31.102 Characteristics of the USIM application

Rel-5 *current version:* 5.9.0 *WG (prime / other):* T3 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.
freeze_meeting: TP-15 *G:* U: yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 2004-03-25 5 . 8 . 0
TP-24 2004-06-15 5 . 9 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application

Rel-5 *current version:* 5.6.0 *WG (prime / other):* T3 / *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.
freeze_meeting: TP-16 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 2004-03-25 5 . 6 . 0

[get it](#) *remarks - general:* 2004-05-07:additional rapporteur: Peter Vestergaad.
[get it](#) *remarks - this release:* .
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)				
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-15				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana
	TP-15 2002-03-28	5 . 0 . 0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.
	TP-16 2002-06-28	5 . 1 . 0	get it	<i>remarks - this release:</i>	.
	TP-17 2002-09-18	5 . 2 . 0	get it		
	TP-18 2003-01-02	5 . 3 . 0	get it		
	TP-19 2003-04-04	5 . 4 . 0	get it		
	TP-21 2003-09-29	5 . 5 . 0	get it		
	TP-22 2004-01-12	5 . 6 . 0	get it		

TS 31.112	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter architecture description; Stage 2				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-15				
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana
	TP-11 2001-04-09	1 . 0 . 0	get it	<i>remarks - general:</i>	
	TP-13 2001-10-12	2 . 0 . 0	get it	<i>remarks - this release:</i>	started life as Rel-4 draft, but ran out of time so ended up Rel-5.
	TP-13 2001-10-12	5 . 0 . 0	get it		
	TP-14 2002-01-14	5 . 1 . 0	get it		
	TP-16 2002-06-19	5 . 2 . 0	get it		

TS 31.113	Universal Subscriber Identity Module Application Toolkit (USAT) interpreter byte codes				
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-15				
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana
	TP-11 2001-04-09	1 . 0 . 0	get it	<i>remarks - general:</i>	
	TP-13 2001-10-12	2 . 0 . 0	get it	<i>remarks - this release:</i>	started life as Rel-4 draft, but ran out of time so ended up Rel-5.
	TP-13 2001-10-12	5 . 0 . 0	get it		
	TP-14 2002-01-14	5 . 1 . 0	get it		
	TP-15 2002-03-28	5 . 2 . 0	get it		
	TP-16 2002-06-19	5 . 3 . 0	get it		
	TP-17 2002-09-25	5 . 4 . 0	get it		
	TP-19 2003-03-26	5 . 5 . 0	get it		

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

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ACTIVE specs Rel-5 31 .- series
Server location: 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, comments):

TP-14	2002-01-02	1	0	0	TP-010248	get it	<i>remarks - general:</i>
TP-15	2002-03-19	1	5	1	TP-020030	get it	<i>remarks - this release:</i>
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, comments):

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. TP-24: Creation postponed to T3 AdHoc mtg. T3 needs guidance T on whether EF_KC has to be stored on the USIM when accessing a GERAN.

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 International AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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

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

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-5 *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, comments):

SP-15	2002-03-26	5	.	0	.	0	get it <i>remarks - general:</i>
SP-17	2002-09-18	5	.	1	.	0	get it <i>remarks - this release:</i> .
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, comments):

SP-15	2002-03-26	5	.	0	.	0	get it <i>remarks - general:</i>
SP-17	2002-09-18	5	.	1	.	0	get it <i>remarks - this release:</i> .
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	2004-03-23	5	.	6	.	0	get it

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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-26	5	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-17	2002-09-18	5	.	1	.	0	get it <i>remarks - this release:</i> .
edito (layout and references)	2003-01-07	5	.	1	.	1	get it

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

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

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S5 / - *rporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-26	5	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-17	2002-09-20	5	.	1	.	0	get it <i>remarks - this release:</i> .
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 (SS)

Rel-5 *current version:* 5.5.1 *WG (prime / other):* S5 / - *rporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-26	5	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-17	2002-10-08	5	.	1	.	0	get it <i>remarks - this release:</i> .
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 (SS)

Rel-5 *current version:* 5.7.1 *WG (prime / other):* S5 / - *rporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-26	5	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-16	2002-06-20	5	.	1	.	0	get it <i>remarks - this release:</i> .
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 access.

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

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-5 *current version:* 5.7.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-26	5	.	0	.	0
SP-16	2002-06-20	5	.	1	.	0
SP-18	2003-01-06	5	.	2	.	0
SP-19	2003-04-02	5	.	3	.	0
SP-20	2003-06-27	5	.	4	.	0
SP-21	2003-10-02	5	.	5	.	0
SP-23	2004-03-25	5	.	6	.	0
SP-24	2004-06-15	5	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
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TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-5 *current version:* 5.7.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-27	5	.	0	.	0
SP-16	2002-06-20	5	.	1	.	0
SP-18	2003-01-09	5	.	2	.	0
SP-19	2003-04-02	5	.	3	.	0
SP-20	2003-06-27	5	.	4	.	0
SP-22	2004-01-05	5	.	5	.	0
SP-23	2004-03-24	5	.	6	.	0
SP-24	2004-06-15	5	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-27	5	.	0	.	0
SP-16	2002-06-20	5	.	1	.	0
SP-18	2003-01-09	5	.	2	.	0
SP-19	2003-04-02	5	.	3	.	0
SP-20	2003-06-09	5	.	4	.	0
SP-22	2004-01-05	5	.	5	.	0
SP-24	2004-06-17	5	.	6	.	0

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

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ACTIVE specs Rel-5 32 .- series
Server location: 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> 5.6.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TEPP0, Patrik		NANJING ERICSSON PANDA COMMUNICATIONS LTD
	<i>freeze_meeting:</i> SP-17				
		G: yes U: yes	MCC:	ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>					
	SP-15	2002-03-19	1 . 0 . 0	SP-020033	get it <i>remarks - general:</i>
	SP-16	2002-06-17	1 . 5 . 0	SP-020327	get it <i>remarks - this release:</i> .
	draft	2002-07-19	1 . 7 . 0		get it
	SP-17	2002-09-16	2 . 0 . 0	SP-020453	get it
	SP-17	2002-09-18	5 . 0 . 0	"Support of Diameter is mandatory."	get it
	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	2004-03-24	5 . 5 . 0		get it
	SP-24	2004-06-17	5 . 6 . 0		get it

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				
		G: U: yes	MCC:	ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>					
	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				
		G: yes U: yes	MCC:	ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>					
	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> .

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

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

TS 32.301	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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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 (IS)								
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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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) Solution								
Rel-5	<i>current version:</i> Set (SS)	5.2.0	<i>WG (prime / other):</i> S5	/ -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG		
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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 Set								
Rel-5	<i>current version:</i> 5.2.1		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG			
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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					

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

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

TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements								
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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15	2002-03-26	5 . 0 . 0		get it	<i>remarks - general:</i>	was 32.112-1		
edito post	SP-18	2003-01-13	5 . 0 . 1		get it	<i>remarks - this release:</i>	.		
	SP-22	2004-01-05	5 . 1 . 0		get it				
<hr/>									
TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)								
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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15	2002-03-26	5 . 0 . 0		get it	<i>remarks - general:</i>	was 32.112-2		
edito post	SP-18	2003-01-13	5 . 0 . 1		get it	<i>remarks - this release:</i>	.		
	SP-22	2004-01-05	5 . 1 . 0		get it				
<hr/>									
TS 32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-16	2002-06-17	1 . 0 . 0	SP-020328	get it	<i>remarks - general:</i>			
	SP-17	2002-09-06	2 . 0 . 0	SP-020456	get it	<i>remarks - this release:</i>	.		
	SP-17	2002-09-18	5 . 0 . 0		get it				
edito post	SP-18	2003-01-13	5 . 0 . 1		get it				
<hr/>									
TS 32.322	Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-16	2002-06-17	1 . 0 . 0	SP-020328	get it	<i>remarks - general:</i>			
	SP-17	2002-09-16	2 . 0 . 0	SP-020457	get it	<i>remarks - this release:</i>	.		
	SP-17	2002-09-18	5 . 0 . 0		get it				
edito post	SP-18	2003-01-13	5 . 0 . 1		get it				
	SP-24	2004-06-15	5 . 1 . 0		get it				

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

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

TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-16	2002-06-17	1	.	0	.	0	SP-020328	get it	<i>remarks - general:</i>
SP-17	2002-09-16	2	.	0	.	0	SP-020458	get it	<i>remarks - this release:</i> .
SP-17	2002-09-18	5	.	0	.	0		get it	
edito post SP-18	2003-01-13	5	.	0	.	1		get it	
SP-24	2004-06-15	5	.	1	.	0		get it	

TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-16	2002-06-17	1	.	0	.	0		get it	<i>remarks - general:</i>
SP-17	2002-09-16	2	.	0	.	0	SP-020459	get it	<i>remarks - this release:</i> .
SP-17	2002-09-18	5	.	0	.	0		get it	
edito post SP-18	2003-01-13	5	.	0	.	1		get it	
SP-24	2004-06-15	5	.	1	.	0		get it	

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

Rel-5 *current version:* 5.3.0 *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, comments):

SP-15	2002-03-26	5	.	0	.	0		get it	<i>remarks - general:</i> was 32.104 (pars)
SP-17	2002-09-18	5	.	1	.	0		get it	<i>remarks - this release:</i> .
SP-20	2003-06-27	5	.	2	.	0		get it	
SP-24	2004-06-15	5	.	3	.	0		get it	

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

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

TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM								
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version, comments):</i>									
	SP-16	2002-06-20	5 . 0 . 0	WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)	get it	<i>remarks - general:</i>	was 32.104 (pars)		
						<i>remarks - this release:</i>	.		
	SP-17	2002-09-19	5 . 1 . 0		get it				
	SP-19	2003-03-31	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	2004-01-05	5 . 5 . 0		get it				
	SP-23	2004-03-24	5 . 6 . 0		get it				
	SP-24	2004-06-17	5 . 7 . 0		get it				
<hr/>									
TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements								
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>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version, comments):</i>									
	SP-17	2002-09-20	5 . 0 . 0		get it	<i>remarks - general:</i>	Replaces 32.106 (pars).		
	edito	2003-06-18	5 . 0 . 1	Title aligned with the 3GPP Database	get it	<i>remarks - this release:</i>	.		
<hr/>									
TS 32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Requirements								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version, comments):</i>									
	SP-17	2002-09-23	5 . 0 . 0		get it	<i>remarks - general:</i>	was 32.601-1		
	edito	2003-06-18	5 . 0 . 1	Title aligned with the 3GPP Database	get it	<i>remarks - this release:</i>	.		
<hr/>									
TS 32.602	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (SS)								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version, comments):</i>									
	SP-17	2002-09-27	5 . 0 . 0		get it	<i>remarks - general:</i>	was 32.601-2		
	SP-19	2003-03-31	5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	SP-22	2004-01-13	5 . 2 . 0		get it				
	SP-23	2004-03-23	5 . 3 . 0		get it				

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

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

TS 32.603 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-17 2002-09-27 5 . 0 . 0
SP-19 2003-03-31 5 . 1 . 0
SP-20 2003-06-27 5 . 2 . 0

[get it](#) *remarks - general:* was 32.601-3

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

[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 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-18 2003-01-08 5 . 0 . 0

[get it](#) *remarks - general:* was 32.601-4

remarks - this release: .

TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-16 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-16 2002-06-21 5 . 0 . 0
SP-17 2002-09-27 5 . 1 . 0

[get it](#) *remarks - general:* was 32.602-1

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

TS 32.612 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-17 2002-09-27 5 . 0 . 0
SP-18 2003-01-07 5 . 1 . 0
edito 2003-03-31 5 . 1 . 1
SP-22 2004-01-13 5 . 2 . 0
SP-23 2004-03-24 5 . 3 . 0

[get it](#) *remarks - general:* was 32.602-2

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

[get it](#)

[get it](#)

[get it](#)

TS 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-17 2002-09-27 5 . 0 . 0
SP-19 2003-03-31 5 . 1 . 0

[get it](#) *remarks - general:* was 32.602-3

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

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

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

TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-18	2003-01-07	5 . 0 . 0	get it <i>remarks - general:</i> was 32.602-4
				<i>remarks - this release:</i> .
<hr/>				
TS 32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition			
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-16	2002-06-21	5 . 0 . 0	get it <i>remarks - general:</i> was 32.602-5
edito after	SP-17	2002-09-18	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
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	2004-03-24	5 . 4 . 0	get it
	SP-24	2004-06-17	5 . 5 . 0	get it
<hr/>				
TS 32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	2002-09-27	5 . 0 . 0	get it <i>remarks - general:</i> was 32.620-1
				<i>remarks - this release:</i> .
<hr/>				
TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	2002-09-27	5 . 0 . 0	get it <i>remarks - general:</i> was 32.620-2
	SP-20	2003-06-27	5 . 1 . 0	get it <i>remarks - this release:</i> .
	SP-22	2004-01-13	5 . 2 . 0	get it
	SP-23	2004-03-24	5 . 3 . 0	get it
	SP-24	2004-06-15	5 . 4 . 0	get it

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

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

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 (SS)
MOTOROLA Ltd	5.3.0
	WG (prime / other): S5
	/- rapporteur: PIRT, Trevor
	freeze_meeting: SP-17
	G: yes U: yes
	MCC: ZOICAS, Adrian
	history (event, available, version, comments):
	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 2004-03-24 5 . 2 . 0 get it
	SP-24 2004-06-15 5 . 3 . 0 get it

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 (SS)
SIEMENS AG	5.4.0
	WG (prime / other): S5
	/- rapporteur: POLLAKOWSKI, Olaf
	freeze_meeting: SP-17
	G: yes U: yes
	MCC: ZOICAS, Adrian
	history (event, available, version, comments):
	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 2004-03-24 5 . 3 . 0 get it
	SP-24 2004-06-15 5 . 4 . 0 get it

TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML)
Rel-5	current version: file format definition
NETWORKS (EUROPE)	5.3.0
	WG (prime / other): S5
	/ rapporteur: TOCHE, Christian NORTEL
	freeze_meeting: SP-15
	G: yes U: yes
	MCC: ZOICAS, Adrian
	history (event, available, version, comments):
	SP-16 2002-06-17 1 . 0 . 0 SP-020298 pars get it remarks - general:
	SP-17 2002-09-06 2 . 0 . 0 SP-020460 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 & 2003-10-08 5 . 1 . 1 get it
	Cosmetics
	Adds XML file with 2003-10-17 5 . 1 . 2 get it
	reference from document
	SP-23 2004-03-24 5 . 2 . 0 get it
	SP-24 2004-06-17 5 . 3 . 0 get it

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

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

TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd						
	<i>freeze_meeting:</i> SP-16	G: U: yes	MCC: ZOICAS, Adrian							
	<i>history (event, available, version, comments):</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	G: yes U: yes	MCC: ZOICAS, Adrian							
	<i>history (event, available, version, comments):</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	G: yes U: yes	MCC: ZOICAS, Adrian							
	<i>history (event, available, version, comments):</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									
Rel-5	<i>current version:</i> (CMIP) solution set	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf					
SIEMENS AG										
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	MCC: ZOICAS, Adrian							
	<i>history (event, available, version, comments):</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 2004-03-24 5 . 2 . 0	get it								

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

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

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>	5.3.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOCHE, Christian		
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting:</i>	SP-16	G: yes	U: yes	MCC:	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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	2004-03-24	5 . 2 . 0		get it				
	SP-24	2004-06-17	5 . 3 . 0		get it				

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	MCC:	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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: 5.4.0</i>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PETERSEN, Robert	Ericsson AB	
	<i>freeze_meeting:</i>	SP-17	G:	U: yes	MCC:	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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 to	2003-01-09	5 . 1 . 1		get it				
	accept all rev marks								
	SP-20	2003-06-26	5 . 2 . 0		get it				
	SP-22	2004-01-13	5 . 3 . 0		get it				
	SP-24	2004-06-17	5 . 4 . 0		get it				

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

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

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 (SS)	5.3.0	WG (prime / other):	S5	/-	rapporteur:	RAYMER, David	Motorola Inc.
	freeze_meeting: SP-17	G:	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version, comments):							
	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					
	SP-24 2004-06-17 5 . 3 . 0		get it					
<hr/>								
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 (SS)	5.5.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting: SP-17	G:	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version, comments):							
	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 2004-03-24 5 . 4 . 0		get it					
	SP-24 2004-06-17 5 . 5 . 0		get it					
<hr/>								
TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file							
Rel-5	current version: format definition	5.5.0	WG (prime / other):	S5	/-	rapporteur:	TOCHE, Christian NORTEL	NETWORKS (EUROPE)
	freeze_meeting: SP-16	G:	U: yes	MCC:	ZOICAS, Adrian			
	history (event, available, version, comments):							
	SP-16 2002-06-17 1 . 0 . 0		get it	remarks - general:				SP-020298 pars
	SP-17 2002-09-16 2 . 0 . 0		get it	remarks - this release:	.			SP-020462
	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 reference from document		get it					
	SP-22 2004-01-14 5 . 3 . 0		get it					
	SP-23 2004-03-24 5 . 4 . 0		get it					
	SP-24 2004-06-17 5 . 5 . 0		get it					

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

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

TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	G: yes U:	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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:	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 (SS)	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:	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 (SS)	5.4.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
SIEMENS AG				
	<i>freeze_meeting:</i> SP-17	G: yes U:	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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		
	SP-24 2004-06-17 5 . 4 . 0	get it		

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

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

TS 32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file							
Rel-5	<i>current version:</i> format definition	5.5.0	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	TOCHE, Christian	NORTEL	
NETWORKS (EUROPE)								
	<i>freeze_meeting:</i> SP-16		G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	SP-16	2002-06-17	1 . 0 . 0	SP-020298	pars	get it		<i>remarks - general:</i>
	SP-17	2002-09-16	2 . 0 . 0	SP-020463		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		
	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	2004-03-24	5 . 4 . 0			get it		
	SP-24	2004-06-18	5 . 5 . 0	no schema file		get it		
<hr/>								
TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements							
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-17		G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	draft	2002-01-31	0 . 1 . 0			get it		<i>remarks - general:</i>
	SP-15	2002-03-19	1 . 0 . 0	SP-020034	pars	get it		<i>remarks - this release:</i> .
	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		
<hr/>								
TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM; Information service (IS)							
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-18		G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	draft	2002-01-31	0 . 1 . 0			get it		<i>remarks - general:</i>
	SP-15	2002-03-19	1 . 0 . 0	SP-020034	pars	get it		<i>remarks - this release:</i> .
	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	2004-03-24	5 . 2 . 0			get it		

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

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

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:* 5.2.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-17 2002-09-16 1 . 0 . 0 SP-020466
SP-17 2002-09-18 5 . 0 . 0
SP-19 2003-04-03 5 . 1 . 0
SP-24 2004-06-15 5 . 2 . 0

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

[get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17 Oh yes it will!

[get it](#)

[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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-17 2002-09-16 1 . 0 . 0 SP-020467
SP-18 2003-01-07 2 . 0 . 0 SP-020743
SP-18 2003-01-07 5 . 0 . 0

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

[get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17: Yes it will!

[get it](#)

[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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft 2002-01-17 0 . 1 . 2
SP-16 2002-06-17 1 . 0 . 0 SP-020329 pars
SP-17 2002-07-19 2 . 0 . 0 SP-020468
SP-17 2002-09-18 5 . 0 . 0

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

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

[get it](#)

[get it](#)

TS 32.672 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft 2002-07-19 0 . 0 . 0
draft 2002-01-17 0 . 1 . 1
SP-16 2002-06-17 1 . 0 . 0 SP-020329 pars
SP-17 2002-09-16 2 . 0 . 0 SP-020469
SP-17 2002-09-18 5 . 0 . 0

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

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

[get it](#)

[get it](#)

[get it](#)

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

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

TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)							
Rel-5	<i>current version:</i> Solution Set (SS)	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	RAYMER, David	
	Motorola Inc.							
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i>			ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>							
	SP-17 2002-09-16 1 . 0 . 0	SP-020470		get it		<i>remarks - general:</i>		
	SP-17 2002-09-18 5 . 0 . 0			get it		<i>remarks - this release:</i>		
	SP-19 2003-04-01 5 . 1 . 0			get it				

TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Common Management Information Protocol (CMIP)							
Rel-5	<i>current version:</i> Solution Set (SS)	5.1.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf	
	SIEMENS AG							
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i>			ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>							
	draft 2002-01-17 0 . 1 . 0			get it		<i>remarks - general:</i>		
	draft 2002-07-19 1 . 0 . 0			get it		<i>remarks - this release:</i>		
	SP-17 2002-09-16 2 . 0 . 0	SP-020471		get it				
	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	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	S5 /		<i>rapporteur:</i>	PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i>			ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>							
	SP-17 2002-08-30 1 . 0 . 0	SP-020472		get it		<i>remarks - general:</i>		
	SP-17 2002-09-18 5 . 0 . 0			get it		<i>remarks - this release:</i>		

TS 32.692	Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP): Network Resource Model (NRM)							
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	S5 /		<i>rapporteur:</i>	PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i>			ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>							
	SP-17 2002-08-30 1 . 0 . 0	SP-020473		get it		<i>remarks - general:</i>		
	SP-17 2002-09-18 5 . 0 . 0			get it		<i>remarks - this release:</i>		

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

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

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, comments):
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, comments):
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:* 5.4.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc Siemens nv/sa
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, comments):
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](#)
SP-24 2004-06-15 5 . 4 . 0 [get it](#)

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

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

TS 33.105	Cryptographic algorithm requirements					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-24	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-24 2004-06-15 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 33.106	Lawful interception requirements					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-04 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-17 2002-09-18 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-12 2001-07-04 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-14 2002-01-07 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-15 2002-03-26 5 . 2 . 0	get it				
edito post	SP-15 2002-04-15 5 . 2 . 1	get it			Corrects change history.	
	SP-16 2002-06-19 5 . 3 . 0	get it				
	SP-17 2002-09-18 5 . 4 . 0	get it				
	SP-18 2002-12-18 5 . 5 . 0	get it				
	SP-21 2003-09-30 5 . 6 . 0	get it				

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

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

TS 33.108	3G security; Handover interface for Lawful Interception (LI)								
Rel-5	<i>current version:</i> 5.8.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	<i>freeze_meeting:</i> SP-16			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-15 2002-03-19	1 . 0 . 0	SP-020118	get it	<i>remarks - general:</i>	2001-12-04 Title changed from "Lawful Interception; Interface between core network			
	SP-16	2 . 0 . 0	SP-020357		<i>remarks - this release:</i>	. and law agency equipment" (Berthold.Wilhelm@RegTP.de).			
	SP-16 2002-06-19	5 . 0 . 0		get it					
	SP-17 2002-09-23	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					
	SP-22 2004-01-08	5 . 6 . 0		get it					
	SP-23 2004-03-22	5 . 7 . 0		get it					
	SP-24 2004-06-15	5 . 8 . 0		get it					
<hr/>									
TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	Hutchison 3G UK Ltd (3)			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-15 2002-03-26	5 . 0 . 0		get it	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.			
	SP-18 2002-12-18	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
<hr/>									
TS 33.201	Access domain security								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> POPE, Maurice	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			

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

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

TS 33.203	3G security; Access security for IP-based services								
Rel-5	<i>current version:</i> 5.8.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-13	2001-10-03	0 . 4 . 0	anticipate v2.0.0 at SP-15	get it	<i>remarks - general:</i>			
	SP-14	2002-01-02	1 . 0 . 0	SP-010624	get it	<i>remarks - this release:</i>			
	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				

TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> KOIEN, Geir	Telenor AS				
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-14	2002-01-02	1 . 0 . 0	SP-010623	get it	<i>remarks - general:</i>	2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).		
	SP-15	2002-03-19	2 . 0 . 0	SP-020117	get it	<i>remarks - this release:</i>			
	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	<i>current version:</i> 0.4.1	DRAFT	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry				
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	draft	0 . 4 . 1	v number seems to have restarted. Not uploaded for fear of confusion.	<i>remarks - general:</i>		<i>remarks - this release:</i>	.		

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

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

TR 33.903 Access Security for IP based services

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

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

history (event, available, version, comments):

remarks - general:
remarks - this release: .

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

TS 34.108 Common test environments for User Equipment (UE) conformance testing

Rel-5 *current version:* 5.1.0
freeze_meeting: TP-24

WG (prime / other): T1 / - *rapporteur:* CHALABI, Nouhman ANRITSU LTD
G: *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-23 2004-04-01 5 . 0 . 0
TP-24 2004-06-25 5 . 1 . 0

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

TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-5 *current version:* 5.3.0
freeze_meeting: RP-15

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

history (event, available, version, comments):

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

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

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

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

TS 34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	HIGUCHI, Kenji	ADVANTEST Corporation	
	<i>freeze_meeting:</i> TP-20	<i>G:</i>		<i>MCC:</i>	SULTAN, Alain		
	<i>U:</i> yes						
<i>history (event, available, version, comments):</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	2004-04-01	5 . 3 . 0	get it			
	TP-23	2004-04-05	5 . 3 . 1	get it	Corrects implementation of CR333		
	TP-24	2004-06-25	5 . 4 . 0	get it			
<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>	<i>G:</i>		<i>MCC:</i>	SULTAN, Alain		
	<i>U:</i> yes						
<i>history (event, available, version, comments):</i>							
	TP-22	2004-01-22	5 . 0 . 0	get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
<hr/>							
TS 34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification						
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting:</i> TP-16	<i>G:</i>		<i>MCC:</i>	SULTAN, Alain		
	<i>U:</i> yes						
<i>history (event, available, version, comments):</i>							
	TP-16	2002-06-19	5 . 0 . 0	get it	<i>remarks - general:</i>		
corrects page	2002-06-24	5 . 0 . 1		get it	<i>remarks - this release:</i>		
headers							
	TP-17	2002-09-10	5 . 1 . 0	get it			
edito post	TP-17	2002-09-20	5 . 1 . 1	get it	There were two annexes C !		
	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	2004-04-01	5 . 7 . 0	get it	CR668 not implementable (written to old version of spec).		
	TP-23	2004-04-13	5 . 7 . 1	get it	Spirit of CR668 implemented, after consultation with T.		
	TP-24	2004-07-01	5 . 8 . 0	get it			

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

TS 34.123-2	User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification								
Rel-5	<i>current version:</i> 5.8.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng		ETSI Secretariat			
	<i>freeze_meeting:</i> TP-16		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version, comments):</i>								
	TP-16	2002-06-19	5 . 0 . 0	get it	<i>remarks - general:</i>				
	TP-17	2002-09-10	5 . 1 . 0	get it	<i>remarks - this release:</i>				
	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	2004-04-01	5 . 7 . 0	get it					
	TP-24	2004-06-28	5 . 8 . 0	get it					
<hr/>									
TS 34.124	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SOERENSEN, Ole		NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-04-03	5 . 0 . 0	get it	<i>remarks - general:</i>	T1->R4@TSG#10			
	RP-17	2002-10-02	5 . 1 . 0	get it	<i>remarks - this release:</i>				
	RP-18	2003-01-10	5 . 2 . 0	get it					
	RP-19	2003-04-04	5 . 3 . 0	get it					
	RP-23	2004-04-01	5 . 4 . 0	get it					
<hr/>									
TR 34.902	Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests								
Rel-5	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> T1 /	<i>rapporteur:</i> ROSE, Ian		Racal Instruments Wireless Solutions Limited			
	<i>freeze_meeting:</i> TP-22		<i>G:</i> yes U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version, comments):</i>								
	TP-22	2004-01-05	1 . 0 . 0	get it	<i>remarks - general:</i>	TP-21: Title changed from "Measurement uncertainty". Completion date: end 2004.			
	T1-23		1 . 1 . 0		<i>remarks - this release:</i>	TP-21: assume Rel-7 in view of projected end date. TP-22: Document ready for approval as Rel-5 (!!)			
	TP-24	2004-05-26	1 . 2 . 0	get it					
<hr/>									
TR 34.926	Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> FENN, John B		Research In Motion Limited			
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version, comments):</i>								
	RP-15	2002-04-02	5 . 0 . 0	get it	<i>remarks - general:</i>	Plan approved TSG#7 TP-000036). T1->R4@TSG#10			
	RP-23	2004-04-01	5 . 1 . 0	get it	<i>remarks - this release:</i>				

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

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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	SP-16 2002-06-24 5 . 0 . 0				get it <i>remarks - general:</i> ex SAGE; supplied by ETSI under licence <i>remarks - this release:</i> .
TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	SP-16 2002-06-24 5 . 0 . 0				get it <i>remarks - general:</i> ex SAGE; supplied by ETSI under licence <i>remarks - this release:</i> .
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	SP-16 2002-06-24 5 . 0 . 0				get it <i>remarks - general:</i> ex SAGE; supplied by ETSI under licence <i>remarks - this release:</i> .
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	SP-16 2002-06-24 5 . 0 . 0				get it <i>remarks - general:</i> ex SAGE; supplied by ETSI under licence <i>remarks - this release:</i> .

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

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

TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	Rel-5 VODAFONE Group Plc	<i>current version:</i> 1: General	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-15			G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>						
	SP-16 2002-06-24 5 . 0 . 0				get it	<i>remarks - general:</i> ex SAGE. 2002-06: clarified that deliverable is TS not TR.	<i>remarks - this release:</i> .
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	Rel-5 VODAFONE Group Plc	<i>current version:</i> 2: Algorithm specification	5.1.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-15			G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>						
	SP-16 2002-06-24 5 . 0 . 0				get it	<i>remarks - general:</i> ex SAGE	
	SP-20 2003-06-18 5 . 1 . 0				get it	<i>remarks - this release:</i> .	
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	Rel-5 VODAFONE Group Plc	<i>current version:</i> 3: Implementors' test data	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-15			G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>						
	SP-16 2002-06-24 5 . 0 . 0				get it	<i>remarks - general:</i> ex SAGE	<i>remarks - this release:</i> .
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	Rel-5 VODAFONE Group Plc	<i>current version:</i> 4: Design conformance test data	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-15			G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>						
	SP-16 2002-06-24 5 . 0 . 0				get it	<i>remarks - general:</i> ex SAGE	<i>remarks - this release:</i> .
TR 35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	Rel-5 VODAFONE Group Plc	<i>current version:</i> 5: Summary and results of design and evaluation	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael
	<i>freeze_meeting:</i> SP-15			G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>						
	SP-16 2002-06-24 5 . 0 . 0				get it	<i>remarks - general:</i> ex SAGE	<i>remarks - this release:</i> .

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

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

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, comments):
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, comments):
SP-16 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 41.101 Technical Specifications and Technical Reports for a GERAN-based 3GPP system
Rel-5 *current version:* 5.7.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
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 2004-04-02 5 . 6 . 0 [get it](#)
SP-24 2004-06-24 5 . 7 . 0 [get it](#)

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

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ACTIVE specs 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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	Axalto S.A.			
	<i>freeze_meeting:</i> TP-15	G: yes U:		<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	TP-12 2001-07-06 5 . 0 . 0			get it	<i>remarks - general:</i>	TP-17: From Rel-6, transferred to ETSI TS 102 240.			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 42.033	Lawful Interception; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH			
	<i>freeze_meeting:</i> SP-15	G: yes U:		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-16 2002-06-24 5 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
<hr/>									
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i>	Was 22.043 at Rel99.			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	POIRAUD, Patrick	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-16	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
<hr/>									
TS 42.068	Voice Group Call Service (VGCS); Stage 1								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-16	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-16 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i>				
	correct title line 2002-10-22 5 . 0 . 1			get it	<i>remarks - this release:</i>	.			

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

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

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, comments):
SP-16 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
post SP-16 edito to 2002-07-29 5 . 0 . 1 [get it](#) *remarks - this release:* .
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, comments):
NP-16 2002-07-04 5 . 0 . 0 Note that the doc is really a TR not a TS [get it](#) *remarks - general:*
(cover sheet is wrong) *remarks - this release:* NP-21: Decision not to progress this to Rel-6.

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-15 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, comments):
GP-10 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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ACTIVE specs Rel-5 43 .- series
Server location: 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-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	Axalto S.A.		
	<i>freeze_meeting:</i> TP-15	G: yes U:	MCC: JURISIC, Andrijana			
<i>history (event, available, version, comments):</i>						
	TP-12	2001-11-12	5 . 0 . 0	get it	<i>remarks - general:</i> For test spec, see 51.013.	
	fix annexed library file	2001-11-21	5 . 0 . 1	get it	<i>remarks - this release:</i> .	
	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		
<hr/>						
TS 43.020	Security-related network functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	SP-16	2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> GP-10	G: yes U:	MCC: USAI, Paolino			
<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-10	G: yes U:	MCC: USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	GP-10	2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i>	
	re-issue as TR (not TS) as per 03.26	2002-07-31	5 . 0 . 1	get it	<i>remarks - this release:</i> .	

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

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, comments):</i>					
	GP-10 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i>	
	reissue as TR				<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, comments):</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, comments):</i>					
	NP-15 2002-03-20 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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

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

TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

Rel-5 *current version:* 5.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	2001-02-15	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-11	2002-09-19	5	.	7	.	0
GP-12	2003-01-03	5	.	8	.	0
GP-14	2003-04-25	5	.	9	.	0
GP-16	2003-09-12	5	.	10	.	0

[get it](#) *remarks - general:* Originally created as 03.51r00
[get it](#) *remarks - this release:*
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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, comments):

GP-10	2002-07-19	5	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release: .

TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-5 *current version:* 5.3.0 *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, comments):

GP-10	2002-07-19	5	.	0	.	0
GP-14	2003-04-25	5	.	1	.	0
GP-16	2003-09-12	5	.	2	.	0
GP-21		5	.	3	.	0

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

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

TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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> 5.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 text 2003-04-25 5 . 3 . 1	get it				
	GP-19 2004-05-06 5 . 4 . 0	get it				
<hr/>						
TS 43.064	Overall description of the GPRS radio interface; Stage 2					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 25 legible 2003-05-02 5 . 1 . 1	get it				
	GP-16 2003-09-12 5 . 2 . 0	get it				
	GP-19 2004-05-06 5 . 3 . 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:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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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ACTIVE specs Rel-5 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.069	Voice Broadcast service (VBS); 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		<i>G: yes U:</i>		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</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				

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

TS 43.130	Iur-g interface; Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis		VODAFONE Group Plc		
	<i>freeze_meeting:</i> GP-11		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	GP-11	2002-09-16	5 . 0 . 0	Technically identical to TR.43.930 v5.1.0	get it		<i>remarks - general:</i>	Created identical to last version of 43.930. Also moved from G2 to G1.	
							<i>remarks - this release:</i>		

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	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S		
	<i>freeze_meeting:</i> NP-15		<i>G: yes U:</i>		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	NP-16	2002-06-20	5 . 0 . 0		get it		<i>remarks - general:</i>		
							<i>remarks - this release:</i>		

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ACTIVE specs Rel-5 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-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i>		
	post GP-11 editorial 2003-12-05 5 . 0 . 1	get it	<i>remarks - this release:</i>	.	

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

TS 44.012	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-11		Skov						
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</i>								
	GP-11 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)						
	edito 2002-12-17 5 . 0 . 1	get it	<i>remarks - this release:</i> .						
<hr/>									
TS 44.013	Performance Requirements on Mobile Radio Interface								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana						
	<i>history (event, available, version, comments):</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> 5.3.0	<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, comments):</i>								
	GP-11 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i>						
	GP-13 2003-02-21 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
	GP-15 2003-07-10 5 . 2 . 0	get it							
	GP-20 2004-07-23 5 . 3 . 0	get it							

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

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

Rel-5 *current version:* 5.17.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-04	2001-05-04	5	.	0	.	0
GP-05	2001-06-18	5	.	1	.	0
GP-06	2001-09-10	5	.	2	.	0
GP-07	2002-01-08	5	.	3	.	0
GP-08	2002-02-19	5	.	4	.	0
GP-09	2002-05-02	5	.	5	.	0
GP-10	2002-07-19	5	.	6	.	0
GP-11	2002-09-16	5	.	7	.	0
GP-12	2002-12-17	5	.	8	.	0
GP-13	2003-02-21	5	.	9	.	0
GP-14	2003-04-28	5	.	10	.	0
GP-15	2003-07-10	5	.	11	.	0
GP-16	2003-09-12	5	.	12	.	0
GP-17	2003-12-05	5	.	13	.	0
GP-18	2004-02-23	5	.	14	.	0
GP-19	2004-05-06	5	.	15	.	0
GP-20	2004-07-23	5	.	16	.	0
GP-21	2004-09-04	5	.	17	.	0

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

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

history (event, available, version, comments):

NP-14	2002-01-11	5	.	0	.	0
post NP-17 -	2002-10-02	5	.	0	.	1
replace illegible						
figures						
NP-17	2002-09-18	5	.	1	.	0
post NP-17 -	2002-10-02	5	.	1	.	1
replace illegible						
figures						
NP-18	2003-01-06	5	.	2	.	0

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[get it](#) *remarks - this release:* .
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ACTIVE specs Rel-5 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</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		
	GP-19 2004-05-06	5 . 8 . 0	get it		
	GP-20 2004-07-23	5 . 9 . 0	get it		
	GP-21 2004-09-04	5 . 10 . 0	get it		
<hr/>					
TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-11	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</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> .	
<hr/>					
TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-20	5 . 0 . 0	get it	<i>remarks - general:</i>	
<i>remarks - this release:</i> .					
<hr/>					
TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</i>					
	NP-16 2002-06-20	5 . 0 . 0	get it	<i>remarks - general:</i>	
<i>remarks - this release:</i> .					
<hr/>					

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

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

TS 44.060	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> 5.13.0 <i>freeze_meeting:</i> GP-09
	<i>WG (prime / other):</i> G2 / G: yes U:
	<i>rapporteur:</i> HOWELL, Andrew MCC: THOMASEN, Gert
	<i>reporteur:</i> HOWELL, Andrew MOTOROLA Ltd
<i>history (event, available, version, comments):</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
	GP-19 2004-05-06 5 . 11 . 0 get it
	GP-20 2004-07-23 5 . 12 . 0 get it
	GP-21 2004-09-04 5 . 13 . 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>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N1 / - G: yes U:
	<i>rapporteur:</i> DOIG, Ian MCC: JURISIC, Andrijana
	<i>reporteur:</i> DOIG, Ian MOTOROLA S.A.S
<i>history (event, available, version, comments):</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>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N1 / - G: yes U:
	<i>rapporteur:</i> DOIG, Ian MCC: JURISIC, Andrijana
	<i>reporteur:</i> DOIG, Ian MOTOROLA S.A.S
<i>history (event, available, version, comments):</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> .

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

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

TS 44.068	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> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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	get it	<i>remarks - this release:</i> .		
<hr/>							
TS 44.069	Broadcast Call Control (BCC) protocol						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>						
	NP-16	2002-06-19	5 . 0 . 0	get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> .		
<hr/>							
TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification						
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</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> .		

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

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

TS 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol; lu mode				
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> VIRTEJ, Iuliana	NOKIA Corporation	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
	GP-08	2002-03-20	1 . 1 . 0	GP-020289	get it <i>remarks - general:</i>
	draft	2002-03-26	1 . 2 . 0		<i>remarks - this release:</i> .
	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
	GP-19	2004-05-06	5 . 9 . 0		get it
	GP-20	2004-07-23	5 . 10 . 0		get it

TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode				
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
	GP-09	2002-04-22	0 . 2 . 0	GP-020803	get it <i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2.
	GP-10	2002-07-19	5 . 0 . 0		<i>remarks - this release:</i> .
	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	2003-04-29	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
	GP-19	2004-05-06	5 . 8 . 0		get it

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

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

TR 44.901 External network assisted cell change (NACC)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* BACKLUND, Ingemar Telefon AB LM Ericsson
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-06		0 . 4 . 0							
GP-08	2002-04-04	0 . 7 . 0	GP-020220	get it	<i>remarks - general:</i>	2003-07-03 (JMM): WI UID 23011?. See also 25.901.			
GP-08	2002-04-04	1 . 0 . 0	GP-020427	get it	<i>remarks - this release:</i>	.			
GP-08	2002-03-19	2 . 0 . 0	GP-020491	get it					
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

TS 45.001 Physical layer on the radio path; General description

Rel-5 *current version:* 5.7.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	2001-02-15	5 . 0 . 0			<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-09	2002-05-06	5 . 3 . 0		get it					
GP-10	2002-07-19	5 . 4 . 0		get it					
GP-12	2003-01-03	5 . 5 . 0		get it					
GP-14	2003-04-25	5 . 6 . 0		get it					
GP-17	2003-12-05	5 . 7 . 0		get it					

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

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

TS 45.002 Multiplexing and multiple access on the radio path

Rel-5 *current version:* 5.12.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

history (event, available, version, comments):

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
GP-19	2004-05-06	5	.	12	.	0

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[get it](#) *remarks - this release:*
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TS 45.003 Channel coding

Rel-5 *current version:* 5.10.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

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

history (event, available, version, comments):

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
GP-21		5	.	10	.	0

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

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

TS 45.004 Modulation

Rel-5 *current version:* 5.1.1
freeze_meeting: GP-09
history (event, available, version, comments):
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

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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TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.9.0
freeze_meeting: GP-09
history (event, available, version, comments):
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

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

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

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

TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.17.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC:

USAI, Paolino

history (event, available, version, comments):

GP-03		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
GP-19	2004-05-06	5	.	15	.	0
GP-20	2004-07-09	5	.	16	.	0
GP-21		5	.	17	.	0

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TS 45.009 Link adaptation

Rel-5 *current version:* 5.5.0

freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

MCC:

USAI, Paolino

G: yes U:

history (event, available, version, comments):

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

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remarks - this release:

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

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

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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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			
<hr/>						
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 International AG	
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 2002-07-19 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 45.050	Background for RF Requirements					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> Skov USAI, Paolino			
	<i>history (event, available, version, comments):</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> .		
<hr/>						
TS 45.056	CTS-FP Radio Sub-system					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-10 2002-07-19 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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

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

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

TS 46.001	Full Rate Speech Processing Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.002	Half Rate Speech Processing Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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

TS 46.010	Full-rate speech transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.020	Half Rate Speech Transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 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, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .

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

TS 46.022	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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 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-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, comments):</i>					
	SP-16 2002-06-28 5 . 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-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, comments):</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 46.051	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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-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, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</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 46.061	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, comments):</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, comments):</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, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
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ACTIVE specs Rel-5 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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

TS 48.001 General Aspects on the BSS-MSC Interface

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

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

history (event, available, version, comments):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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

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

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

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

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

history (event, available, version, comments):

GP-04 2001-10-05 5 . 0 . 0

GP-09 2002-05-06 5 . 1 . 0

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

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

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

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

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

history (event, available, version, comments):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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

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

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

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

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

history (event, available, version, comments):

GP-11 2002-09-27 5 . 0 . 0

edito 2002-12-17 5 . 0 . 1

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

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

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

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

Rel-5 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: GP-09

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

history (event, available, version, comments):

GP-04	2001-05-04	5	.	0	.	0
GP-05	2001-06-19	5	.	1	.	0
GP-06	2001-09-14	5	.	2	.	0
GP-07	2002-01-08	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-11	2002-09-16	5	.	7	.	0
GP-12	2002-12-18	5	.	8	.	0
GP-15	2003-07-10	5	.	9	.	0
GP-16	2003-09-12	5	.	10	.	0
GP-17	2003-12-05	5	.	11	.	0
GP-19	2004-05-06	5	.	12	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

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

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

history (event, available, version, comments):

GP-11	2002-09-27	5	.	0	.	0
edito	2002-12-17	5	.	0	.	1

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

TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

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

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

history (event, available, version, comments):

GP-06	2001-09-14	5	.	0	.	0
GP-07	2002-01-08	5	.	1	.	0
GP-15	2003-07-10	5	.	2	.	0
GP-20	2004-07-23	5	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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ACTIVE specs Rel-5 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA Ltd	
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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 of reference in tables 10.2.1 and 10.2.2	2003-04-29	5 . 6 . 1	get it	
	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	
	GP-19	2004-05-06	5 . 10 . 0	get it	
<hr/>					
TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	NP-14	2002-01-11	5 . 0 . 0	get it	<i>remarks - general:</i>
	NP-17	2002-09-18	5 . 1 . 0	get it	<i>remarks - this release:</i> .
	NP-18	2003-01-09	5 . 2 . 0	get it	
<hr/>					
TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-10	2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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TS 48.051	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 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 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 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 48.056	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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	GP-11 2002-09-27 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	.	

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

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

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>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-04 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		

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>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	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		

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>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	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>	.

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification				
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-11 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>	.
	GP-15 2003-07-10	5 . 1 . 0	get it		

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

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

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

TR 49.001 General network interworking scenarios

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

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

history (event, available, version, comments):
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
freeze_meeting: NP-15

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):
NP-16 2002-06-19 5 . 0 . 0
NP-19 2003-03-24 5 . 1 . 0

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

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

Rel-5 *current version:* 5.4.0
freeze_meeting: GP-09

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov

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

history (event, available, version, comments):
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
GP-19 2004-05-06 5 . 4 . 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

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

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

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

Rel-5 *current version:* 5.10.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-15 NP /

T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

GP-11	2002-09-20	5 . 0 . 0	get it	<i>remarks - general:</i> 2001-11-19: G4->G5.
GP-12	2002-12-20	5 . 1 . 0	get it	<i>remarks - this release:</i> .
GP-13	2003-02-21	5 . 2 . 0	get it	
replacement of	2003-02-28	5 . 2 . 1	get it	
omitted text post				
GP-13				
GP-14	2003-04-25	5 . 3 . 0	get it	
GP-15	2003-07-22	5 . 4 . 0	get it	late availability due to extent of changes plus shortage of MCC manpower
GP-16	2003-09-05	5 . 5 . 0	get it	
GP-17	2003-11-28	5 . 6 . 0	get it	approved CR1851r1 not implementable
GP-18	2004-02-18	5 . 7 . 0	get it	
GP-19	2004-05-04	5 . 8 . 0	get it	
GP-20	2004-07-06	5 . 9 . 0	get it	
GP-21		5 . 10 . 0		

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

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

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

Rel-5 *current version:* 5.10.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: GP-11 NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

GP-11	2002-09-19	5 . 0 . 0	get it	<i>remarks - general:</i> 2001-11-19: G4->G5.
GP-12	2002-12-20	5 . 1 . 0	get it	<i>remarks - this release:</i> .
GP-13	2003-02-21	5 . 2 . 0	get it	
GP-14	2003-04-25	5 . 3 . 0	get it	
GP-15	2003-07-17	5 . 4 . 0	get it	late availability due to extent of changes plus shortage of MCC manpower
GP-16	2003-09-05	5 . 5 . 0	get it	
GP-17	2003-11-28	5 . 6 . 0	get it	
GP-18	2004-02-18	5 . 7 . 0	get it	
GP-19	2004-05-04	5 . 8 . 0	get it	
edito post GP-19	2004-05-18	5 . 8 . 1	get it	
GP-20	2004-07-01	5 . 9 . 0	get it	
GP-21		5 . 10 . 0		

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: GP-18 NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

GP-18	2004-03-22	5 . 0 . 0	get it	<i>remarks - general:</i> 2001-11-19: G4->G5.
post GP-18	2004-03-25	5 . 0 . 1	get it	<i>remarks - this release:</i> .
GP-19	2004-05-18	5 . 1 . 0	get it	Late delivery due to extra-MCC forces.
GP-20	2004-07-27	5 . 2 . 0	get it	
GP-21		5 . 3 . 0		

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

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

TS 51.010-5	Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)					
Rel-5	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> G3new/ T1	<i>rapporteur:</i> HU, Shicheng	ETSI Secretariat	
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>					
	draft	2004-06-14	0 . 0 . 0	get it	<i>remarks - general:</i> Should number really be 31.010-5?	
					<i>remarks - this release:</i> .	
<hr/>						
TS 51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BEGASSAT, Christophe	Axalto S.A.	
	<i>freeze_meeting:</i> TP-20		G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>					
	TP-20	2003-06-23	5 . 0 . 0	get it	<i>remarks - general:</i>	
	post TP-20 editorial	2003-06-27	5 . 0 . 1	get it	<i>remarks - this release:</i> TP-16: WI is TP-020122.	
	to fix zipped annex					
	E attachment					
	TP-22	2004-01-12	5 . 1 . 0	get it		
<hr/>						
TS 51.021	GSM radio aspects base station system equipment specification					
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> GP-10		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	GP-10	2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i>	
	GP-12	2003-01-03	5 . 1 . 0	get it	<i>remarks - this release:</i> .	
	GP-13	2003-02-21	5 . 2 . 0	get it		
	GP-15	2003-07-11	5 . 3 . 0	get it		
<hr/>						
TS 51.026	GSM Repeater Equipment Specification					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> GP-10		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	GP-10	2002-07-19	5 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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

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

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

TS 52.021	Network Management (NM) Procedures and messages on the A-bis interface								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	G1 / S5	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-10				Skov				
		<i>G:</i> yes	<i>U:</i>	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	GP-10 2002-07-19 5 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

TS 52.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-18				ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-19 2003-03-31 5 . 0 . 0	technically identical to v4.2.0		get it	<i>remarks - general:</i>	SP-13: replaces 32.402.			
					<i>remarks - this release:</i>	SP-18: Expected to be raised to Rel-5 at SP-19.			

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	<i>current version:</i> 4.10.0	<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:</i> yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-20 2003-06-25 4 . 9 . 0	Created from 21.102 v4.9.0		get it	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999			
	SP-22 2004-01-15 4 . 10 . 0			get it	<i>remarks - this release:</i>	. Specifications".			

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

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

TS 21.111	USIM and IC card requirements				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan	T-Mobile International AG	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana
	<i>history (event, available, version, comments):</i>				
	TP-11 2001-04-09 4 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-17 2002-09-18 4 . 1 . 0	get it	<i>remarks - this release:</i> 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.		
<hr/>					
TS 21.133	3G security; Security threats and requirements				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHRISTOFFERSSON, PerTeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice
	<i>history (event, available, version, comments):</i>				
	SP-11 2001-04-09 4 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-14 2002-01-07 4 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TR 21.801	Specification drafting rules				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice
	<i>history (event, available, version, comments):</i>				
	SP-08 2000-06-28 1 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-08 2000-06-30 4 . 0 . 0	get it	<i>remarks - this release:</i> Formal doc created after TSG#7. (Was briefly 21.200)		
	SP-11 2001-04-11 4 . 1 . 0	get it			
	SP-13 2001-10-01 4 . 2 . 0	get it			
	SP-15 2002-03-27 4 . 3 . 0	get it			
	SP-23 2004-04-02 4 . 4 . 0	get it			
<hr/>					
TR 21.900	Technical Specification Group working methods				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	POPE, Maurice
	<i>history (event, available, version, comments):</i>				
	SP-11 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-22 2004-01-14 4 . 1 . 0	get it	<i>remarks - this release:</i> 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 access.

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.5.0 *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, comments):

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

[get it](#) *remarks - general:* 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least,
[get it](#) *remarks - this release:* Absorbs 01.04. so include it in that set.
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-09	2000-10-18	4	.	0	.	0
SP-10	2001-01-08	4	.	1	.	0
remove change bars	2001-02-28	4	.	1	.	1
SP-12	2001-06-27	4	.	2	.	0
SP-15	2002-03-25	4	.	3	.	0

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

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-09	2000-10-18	4	.	0	.	0
SP-11	2001-04-02	4	.	1	.	0
SP-12	2001-06-27	4	.	2	.	0

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

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

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

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, comments):</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				
<hr/>						
TS 22.004	General on supplementary services					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-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				
	SP-24 2004-06-14 4 . 3 . 0	get it				
<hr/>						
TS 22.011	Service accessibility					
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle		ORANGE SA	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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-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				

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

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TS 22.016	International Mobile Equipment Identities (IMEI)						
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-11 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> 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			
<hr/>							
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	SP-11 2001-04-02 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-16 2002-06-19 4 . 1 . 0	get it	<i>remarks - this release:</i>				
<hr/>							
TS 22.024	Description of Charge Advice Information (CAI)						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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, comments):</i>						
	SP-11 2001-04-02 4 . 0 . 0	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)						
Rel-4	<i>current version:</i> 4.1.0	<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, comments):</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 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</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 & Rel-5 ->				
			<i>remarks - this release:</i> Created from 42.031 Rel-4. 22.031.				

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

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TS 22.032	Immediate Service Termination (IST); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rappporteur:</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, comments):</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.			
<hr/>						
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rappporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-02 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-16 2002-07-04 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rappporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-09 2000-10-18 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-10 2001-01-08 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-20 2003-06-18 4 . 2 . 0	get it				
	SP-22 2004-01-06 4 . 3 . 0	get it				
<hr/>						
TS 22.041	Operator Determined Call Barring					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rappporteur:</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, comments):</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>			

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

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ACTIVE specs Rel-4 22 .- series
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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, comments):</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				
<hr/>						
TS 22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-12	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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> .			
<hr/>						
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 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				
<hr/>						
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-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".			

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TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-07 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, comments):</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, comments):</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, comments):</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 2004-03-23 4 . 6 . 0	get it					

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ACTIVE specs Rel-4 22 .- series
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TS 22.072	Call Deflection (CD); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HECHWARTNER, RolandT-Mobile AUSTRIA GmbH			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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				
<hr/>						
TS 22.079	Support of optimal routing; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-02 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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

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TS 22.081	Line Identification supplementary services; Stage 1						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-11 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 22.082	Call Forwarding (CF) Supplementary Services; Stage 1						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-11 2001-04-02 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-15 2002-03-25 4 . 2 . 0	get it					
<hr/>							
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</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>				
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TS 22.084	MultiParty (MPTY) supplementary service; Stage 1						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	SP-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>				
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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, comments):</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>				

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ACTIVE specs Rel-4 22 .- series
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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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, comments):</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 International AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 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 International AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 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, comments):</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 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-02 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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

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

TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-02 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
TS 22.094	Follow Me service description - Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</i>					
	SP-11 2001-04-02 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap	
	SP-15 2002-03-25 4 . 1 . 0			get it	<i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced. 02,94 R99 in favour of a	
	common GSM/UMTS spec, 22.094.					
<hr/>						
TS 22.096	Name identification supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</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 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</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>	

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

TS 22.101	Service aspects; Service principles						
Rel-4	<i>current version:</i> 4.10.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>						
	SP-08 2000-06-28 4 . 0 . 0	based on 3.9.0	get it	<i>remarks - general:</i>			
	SP-09 2000-10-18 4 . 1 . 0		get it	<i>remarks - this release:</i> based on 3.9.0			
	SP-10 2001-01-08 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				
	spelling corrections 2001-07-31 4 . 4 . 1		get it				
	SP-13 2001-10-05 4 . 5 . 0		get it				
	SP-15 2002-03-25 4 . 6 . 0		get it				
	SP-20 2003-06-18 4 . 7 . 0		get it				
	SP-21 2003-09-30 4 . 8 . 0		get it				
	SP-22 2004-01-06 4 . 9 . 0		get it				
	SP-23 2004-03-23 4 . 10 . 0		get it				
<hr/>							
TS 22.105	Services and service capabilities						
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele		T-Mobile (UK) Ltd	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>						
	SP-09 2000-10-18 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-12 2001-06-27 4 . 2 . 0		get it				
	SP-15 2002-03-25 4 . 3 . 0		get it				
<hr/>							
TS 22.115	Service Aspects Charging and billing						
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SCARRONE, Enrico		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>						
	SP-11 2001-04-02 4 . 0 . 0		get it	<i>remarks - general:</i>			
	SP-22 2004-01-06 4 . 1 . 0		get it	<i>remarks - this release:</i>			

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

TR 22.121	Service aspects; The Virtual Home Environment; Stage 1								
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	ZARRI, Michele	T-Mobile (UK) Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-04 2000-10-18	4 . 0 . 0		get it	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1".			
	SP-11 2001-04-02	4 . 1 . 0		get it	<i>remarks - this release:</i>	SP-16: converted from TS to TR.			
	SP-16 2002-07-19	4 . 1 . 1	Converted from TS to TR.	get it					
<hr/>									
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft	0 . 1 . 0			<i>remarks - general:</i>				
	draft	0 . 2 . 0			<i>remarks - this release:</i>				
	draft	0 . 3 . 0							
	draft	0 . 4 . 0							
	draft	0 . 5 . 0							
	SP-09 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					
<hr/>									
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick	ORANGE SA			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-09 2000-10-18	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					

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

TS 22.135 Multicall; Service description; Stage 1

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

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

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

TS 23.002	Network architecture						
Rel-4	<i>current version:</i> 4.8.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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			

TS 23.003	Numbering, addressing and identification						
Rel-4	<i>current version:</i> 4.8.0		<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, comments):</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			

TS 23.007	Restoration procedures						
Rel-4	<i>current version:</i> 4.2.0		<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, comments):</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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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):</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, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</i>					
	NP-11 2001-04-04 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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ACTIVE specs Rel-4 23 .- series
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TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-11 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>	Should not be in UMTS ????	
	NP-17 2002-09-17 4 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TS 23.015	Technical realization of Operator Determined Barring (ODB)				
Rel-4	<i>current version:</i> 4.0.1	<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, comments):</i>				
	NP-11 2001-04-02 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 23.016	Subscriber data management; Stage 2				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-11 2001-03-30 4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-15 2002-03-28 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-16 2002-06-21 4 . 2 . 0	get it			
	NP-17 2002-09-17 4 . 3 . 0	get it			
	NP-23 2004-03-23 4 . 4 . 0	get it			
<hr/>					
TS 23.018	Basic Call Handling; Technical realization				
Rel-4	<i>current version:</i> 4.7.0	<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, comments):</i>				
	NP-09 2000-10-25 4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-10 2000-12-21 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-11 2001-04-06 4 . 2 . 0	get it			
	NP-12 2001-06-27 4 . 3 . 0	get it			
	NP-13 2001-10-03 4 . 4 . 0	get it			
	NP-14 2002-01-16 4 . 5 . 0	get it			
	NP-15 2002-03-28 4 . 6 . 0	get it			
	NP-19 2003-04-04 4 . 7 . 0	get it			

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ACTIVE specs Rel-4 23 .- series
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TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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 & Rel-5 ->	<i>remarks - this release:</i> Created from 43.031 Rel-4. 23.031.		
<hr/>						
TS 23.032	Universal Geographical Area Description (GAD)					
Rel-4	<i>current version:</i> 4.1.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i> SP-11 2001-04-11 4 . 0 . 0 SP-18 2003-01-07 4 . 1 . 0 edito post SP-18 to 2003-01-10 4 . 1 . 1 correct figures	get it	<i>remarks - general:</i> S2 responsibility?	<i>remarks - this release:</i>		
<hr/>						
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRIÓN, Inmaculada	NOKIA Corporation		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i> SP-16 2002-06-24 4 . 0 . 0 SP-17 2002-09-18 4 . 1 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).	<i>remarks - this release:</i> SP-16: takes over from 43.035 Rel-4		
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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

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, comments):

TP-08	2000-06-23	4	.	0	.	0	get it <i>remarks - general:</i>
TP-10	2001-01-03	4	.	1	.	0	get it <i>remarks - this release:</i> 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, comments):

TP-11	2001-04-02	4	.	0	.	0	get it <i>remarks - general:</i>
							<i>remarks - this release:</i>

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, comments):

TP-08	2000-06-23	4	.	0	.	0	get it <i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.
TP-09	2000-10-11	4	.	1	.	0	get it <i>remarks - this release:</i>
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 access; U = required in systems with UMTS access.

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

TS 23.041	Technical realization of Cell Broadcast Service (CBS)					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-11 2001-04-06 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	TP-12 2001-07-04 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	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	<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> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-11 2001-04-06 4 . 0 . 0	get it	<i>remarks - general:</i>			
	include test vector file 2001-10-17 4 . 0 . 1	get it	<i>remarks - this release:</i>			

TS 23.048	Security mechanisms for the (U)SIM application toolkit; Stage 2					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-12	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	TP-12 2001-07-06 4 . 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 4 . 1 . 0	get it	<i>remarks - this release:</i> .			
	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	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / S2	<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, comments):</i>					
	SP-05 1999-10-13 0 . 0 . 0	get it	<i>remarks - general:</i> No draft.			
	SP-11 2001-03-29 4 . 0 . 0	get it	<i>remarks - this release:</i>			
	edito 2001-10-01 4 . 0 . 1	get it				

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

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ACTIVE specs Rel-4 23 .- series
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TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTP Communications plc					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version, comments):</i>								
	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	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui						
	<i>history (event, available, version, comments):</i>								
	SP-11 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	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	NP-11 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>						

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

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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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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> 4.11.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-11 2001-04-02 4 . 0 . 0		get it	<i>remarks - general:</i> NP-24: txferred to N4 on closure of N2.			
	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	minor correction, no need for SDO publication	get it				
	to cover page						
	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 2004-03-25 4 . 11 . 0		get it				
	editorial post NP-23 2004-04-21 4 . 11 . 1	typo on cover page	get it				

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

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

TS 23.079	Support of Optimal Routing (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	G: yes U: yes	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-11 2001-04-04 4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 2002-06-21 4 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 2003-01-07 4 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 2001-04-04 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 23.082	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	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>			
	NP-13 2001-10-03 4 . 2 . 0	get it				
	NP-16 2002-06-21 4 . 3 . 0	get it				
<hr/>						
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-09 2000-10-26 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-11 2001-03-30 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	inclusion of missed CR 2001-04-24 4 . 2 . 0	get it				
	NP-14 2002-01-10 4 . 3 . 0	get it				

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

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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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

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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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</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 access.

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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>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> RUSSELL, Nick		VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-11 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>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> OLSSON, Magnus		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-11 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>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> RINNE, Janne		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-10 2000-12-22 4 . 0 . 0			get it	<i>remarks - general:</i> was 23.907				
	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 2002-01-07 4 . 3 . 0			get it					
	SP-15 2002-04-07 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					
<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>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> DOIG, Ian		MOTOROLA S.A.S		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	NP-11 2001-04-11 4 . 0 . 0	NP-15 withdrawn		get it	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.				
	post NP-16 2002-06-28 4 . 0 . 1	update history table		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.				

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

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

TS 23.110	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, comments):</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, comments):</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, comments):</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> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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 review of R98			
	NP-12 2001-07-05 4 . 1 . 0	get it	<i>remarks - this release:</i> 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 access; U = required in systems with UMTS access.

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

TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA)								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	GOURRAUD, Christophe ERICSSON RESEARCH CANADA				
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-09 2000-11-06	4 . 0 . 0		get it	<i>remarks - general:</i>	Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred			
	SP-11 2001-04-06	4 . 1 . 0		get it	<i>remarks - this release:</i>	from S2 to N5 at N/SP-25.			
	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	<i>G:</i>	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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	<i>G: yes</i>	<i>U: yes</i>	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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

TS 23.146 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, comments):

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.
N3-10	2000-05-25	2	.	0	.	0		get it	TSG#7:1.1.0 "but not stable enough to be made available!"
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:* 4.10.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-10 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

draft	2000-01-14	1	.	0	.	0		get it	<i>remarks - general:</i> New after TSG#5
NP-07	2000-11-21	2	.	0	.	0	argument in SA over r99 or r00] concl: not approved	get it	<i>remarks - this release:</i>
NP-10		2	.	3	.	0	NP-000653		
NP-10	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	
NP-24	2004-06-15	4	.	10	.	0		get it	

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

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

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

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

WG (prime / other):	N4	/ -	rapporteur:	HODGES, Phil	Telefon AB LM Ericsson
G:	U: yes		MCC:	KYMALAINEN, Kimmo	

NP-10 2001-01-12 1 . 0 . 1 N4-001104 [get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.
NP-11 2001-03-30 4 . 0 . 0 [get it](#) *remarks - this release:*
NP-12 2001-07-06 4 . 1 . 0 [get it](#)
NP-13 2001-10-03 4 . 2 . 0 [get it](#)
NP-14 2002-01-10 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-20 2003-06-27 4 . 7 . 0 [get it](#)

TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

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

draft 2000-11-07 0 . 0 . 5 [get it](#) *remarks - general:* Derived from R99-specific 23.121
SP-10 2001-01-31 1 . 0 . 0 SP-000595 [get it](#) *remarks - this release:*
draft 2001-02-01 1 . 1 . 0 [get it](#)
SP-11 2001-04-06 4 . 0 . 0 [get it](#)
SP-12 2001-07-02 4 . 1 . 0 [get it](#)
SP-16 2002-06-18 4 . 2 . 0 [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, comments):

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

draft 2000-09-06 0 . 1 . 0 [get it](#) *remarks - general:*
TP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - this release:*
TP-14 2002-01-11 4 . 1 . 0 [get it](#)
TP-15 2002-03-26 4 . 2 . 0 [get it](#)

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

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ACTIVE specs Rel-4 23 .- series
Server location: 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

WG (prime / other): S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc

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

history (event, available, version, comments):

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 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 2004-04-01 4 . 11 . 0

SP-000596

[get it](#)

remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.

[get it](#)

remarks - this release: post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

[get it](#)

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

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

WG (prime / other): S2 / - *rapporteur:* IBANEZ, Juan-Antonio Telefon AB LM Ericsson

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

history (event, available, version, comments):

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

[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 access.

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ACTIVE specs Rel-4 23 .- series
Server location: 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, comments):</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	Chalmers		
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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 access.

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

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, comments):
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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
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](#)

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.3.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
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](#)
NP-24 2004-06-21 4 . 3 . 0 [get it](#)

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

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

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

Rel-4 *current version:* 4.14.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-09	2000-10-12	4 . 0 . 0	get it
NP-10	2001-01-03	4 . 1 . 0	get it
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
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	2004-03-22	4 . 13 . 0	get it
NP-24	2004-06-15	4 . 14 . 0	get it

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remarks - general:
remarks - this release:

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

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

history (event, available, version, comments):

NP-11	2001-03-30	4 . 0 . 0	get it
NP-13	2001-10-03	4 . 1 . 0	get it
NP-14	2002-01-10	4 . 2 . 0	get it

remarks - general:
remarks - this release:

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

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

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface								
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana	Skov					
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</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) Interface".					
<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	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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

TS 24.072	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, comments):</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 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, comments):</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				
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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 24.082	Call Forwarding supplementary service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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 access; U = required in systems with UMTS access.

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

TS 24.084	MultiParty (MPty) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>			
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>			
<hr/>						
TS 24.087	User-to-User Signalling (UUS); Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>			
<hr/>						
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>			
	correct history box 2002-07-23 4 . 0 . 2	get it				

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

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

TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>			
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
<hr/>						
TS 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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 24.096	Name Identification Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 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>			
<hr/>						
TS 24.135	Multicall supplementary service; Stage 3					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 2001-04-04 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-14 2002-01-10 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	correct references 2002-06-25 4 . 1 . 1	get it				

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

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

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 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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	2004-04-01	4	.	11	.	0

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

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

history (event, available, version, comments):

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

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

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

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

history (event, available, version, comments):

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

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TS 25.105 Base Station (BS) radio transmission and reception (TDD)

Rel-4 *current version:* 4.8.0

freeze_meeting: SP-11

history (event, available, version, comments):

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
RP-24	2004-06-24	4	.	8	.	0

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

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

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

TS 25.106 UTRA repeater radio transmission and reception

Rel-4 *current version:* 4.8.0
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, comments):

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	
RP-24	2004-06-24	4	.	8	.	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, comments):

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

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

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

Rel-4 *current version:* 4.13.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11	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	2002-07-03	4	.	5	.	0
RP-17	2002-10-10	4	.	6	.	0
RP-18	2003-01-10	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0
RP-20	2003-07-01	4	.	9	.	0
RP-21	2003-10-10	4	.	10	.	0
RP-22	2004-01-23	4	.	11	.	0
RP-23	2004-04-01	4	.	12	.	0
RP-24	2004-06-24	4	.	13	.	0

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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, comments):

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	2002-01-17	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
RP-20	2003-07-01	4	.	9	.	0
RP-21	2003-10-10	4	.	10	.	0
RP-22	2004-01-23	4	.	11	.	0
RP-23	2004-04-01	4	.	12	.	0

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

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ACTIVE specs Rel-4 25 .- series
Server location: 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

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

history (event, available, version, comments):

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

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

Rel-4 *current version:* 4.9.0

freeze_meeting: SP-11

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

history (event, available, version, comments):

RP-11	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
RP-24	2004-06-24	4	.	9	.	0

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

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

TS 25.143 UTRA repeater conformance testing

Rel-4 *current version:* 4.10.0

freeze_meeting: RP-11

WG (prime / other): R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - An Andrew Company

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

history (event, available, version, comments):

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-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
RP-24	2004-06-24	4	.	10	.	0

RP-000671

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* Was to have been 25.107. But never was.
[get it](#)
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TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson

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

history (event, available, version, comments):

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

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

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

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

TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)						
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> PARKVALL, Stefan	Ericsson AB			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	RP-11 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	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MICHEL, Jürgen	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	RP-11 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	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILLENEGGER, Serge	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>						
	RP-11 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 access.

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

TS 25.214	Physical layer procedures (FDD)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 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-17 2002-09-27 4 . 5 . 0	get it				
	RP-19 2003-04-04 4 . 6 . 0	get it				
<hr/>						
TS 25.215	Physical layer; Measurements (FDD)					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> SUZUKI, Hidetoshi	Panasonic Mobile Communications Co.,Ltd.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 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-17 2002-09-27 4 . 5 . 0	get it				
	RP-18 2003-01-07 4 . 6 . 0	get it				
	RP-20 2003-06-27 4 . 7 . 0	get it				
<hr/>						
TS 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAPMAN, Thomas	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 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				
	RP-18 2003-01-07 4 . 7 . 0	get it				

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

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

TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

RP-11	2001-04-05	4 . 0 . 0	get it <i>remarks - general:</i>
RP-13	2001-10-08	4 . 1 . 0	get it <i>remarks - this release:</i>
RP-14	2002-01-09	4 . 2 . 0	get it
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	Minor problems implementing CRs. See get it readme file.

TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.5.0 *WG (prime / other):* R1 / - *rapporteur:* ANDERSON, Nicholas IPWireless Inc.
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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-18	2003-01-07	4 . 5 . 0	get it

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

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

TS 25.224	Physical layer procedures (TDD)					
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> RUDOLF, Marian	INTERDIGITAL COMMUNICATIONS CORPORATION		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 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				
	RP-18 2003-01-07 4 . 7 . 0	get it				
	RP-19 2003-04-04 4 . 8 . 0	get it				
	RP-21 2003-09-29 4 . 9 . 0	get it				
	RP-22 2004-01-14 4 . 10 . 0	get it				

TS 25.225	Physical layer; Measurements (TDD)					
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CZAPLA, Liliana	INTERDIGITAL COMMUNICATIONS CORPORATION		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 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-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-20 2003-06-27 4 . 7 . 0	get it				
	RP-23 2004-04-02 4 . 8 . 0	get it				

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

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

TS 25.301	Radio Interface Protocol Architecture								
Rel-4	<i>current version:</i> 4.4.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang				ERICSSON Eurolab Deutschland GmbH
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-11	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-14	2002-01-04	4 . 2 . 0		get it				
	RP-16	2002-06-17	4 . 3 . 0		get it				
	RP-17	2002-09-18	4 . 4 . 0		get it				

TS 25.302	Services provided by the physical layer								
Rel-4	<i>current version:</i> 4.8.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-03-27	4 . 0 . 0		get it	<i>remarks - general:</i>	V3.0.0 approved via e-mail July 99 CR at TSG#5?		
	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	2002-12-20	4 . 7 . 0		get it				
	RP-21	2003-10-02	4 . 8 . 0		get it				

TS 25.303	Interlayer procedures in Connected Mode								
Rel-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J				Nokia Research Center
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	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				

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

3GPP specification status

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ACTIVE specs Rel-4 25 .- series
Server location: 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:* BARRETO, Luis NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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	2004-03-24	4 . 8 . 0	get it	

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, comments):

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 access.

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ACTIVE specs Rel-4 25 .- series
Server location: 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, comments):

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-18	2003-01-08	4	.	6	.	0
RP-20	2003-06-20	4	.	7	.	0
RP-21	2003-10-02	4	.	8	.	0
RP-22	2004-01-12	4	.	9	.	0

[get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.
remarks - this release:
[get it](#)
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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, comments):

RP-13	2001-10-02	4	.	0	.	0
RP-14	2002-01-04	4	.	1	.	0
RP-22	2004-01-12	4	.	2	.	0
RP-23	2004-03-24	4	.	3	.	0

[get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4
remarks - this release: Expect continual updates each time a new band is allowed. = RF & RMM requirements.
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.10.0

freeze_meeting: RP-11

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

history (event, available, version, comments):

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	2003-01-08	4	.	7	.	0
RP-19	2003-03-25	4	.	8	.	0
RP-21	2003-10-02	4	.	9	.	0
RP-24	2004-06-17	4	.	10	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.12.0

freeze_meeting: SP-11

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

history (event, available, version, comments):

RP-11	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
RP-24	2004-06-17	4	.	12	.	0

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

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

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

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

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	

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version, comments):

RP-11	2001-03-27	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-16	2002-06-17	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-18	2003-01-13	4	.	2	.	0	get it	
RP-19	2003-03-25	4	.	3	.	0	get it	
RP-24	2004-06-17	4	.	4	.	0	get it	

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

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

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

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version:* 4.14.0

freeze_meeting: SP-11

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

history (event, available, version, comments):

	RP-11	2001-04-06	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	2001-10-08	4 . 2 . 0		get it	
replace	ASN.1	2001-10-16	4 . 2 . 1		get it	
	RP-14	2002-01-18	4 . 3 . 0		get it	
	RP-15	2002-03-25	4 . 4 . 0		get it	
	RP-16	2002-06-20	4 . 5 . 0		get it	
	RP-17	2002-09-20	4 . 6 . 0	Do not use this version: contains wrong ASN.1	get it	
Misimplemented	RP-17 CR	2002-09-23	4 . 7 . 0	v4.6.0 omitted ASN.1 in error	get it	
	RP-18	2003-02-03	4 . 8 . 0		get it	
	RP-19	2003-03-27	4 . 9 . 0		get it	
	RP-20	2003-06-25	4 . 10 . 0		get it	
	RP-21	2003-10-02	4 . 11 . 0		get it	
	RP-22	2004-01-12	4 . 12 . 0		get it	
	RP-23	2004-03-24	4 . 13 . 0		get it	
	RP-24	2004-06-28	4 . 14 . 0		get it	

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, comments):

	RP-11	2001-04-06	4 . 0 . 0		get it	<i>remarks - general:</i> Approval at TSG#5
	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-15	2002-04-02	4 . 3 . 0		get it	
	RP-16	2002-06-28	4 . 4 . 0		get it	
	RP-17	2002-09-30	4 . 5 . 0		get it	
	RP-18	2003-01-03	4 . 6 . 0		get it	

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

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

TS 25.402	Synchronisation in UTRAN Stage 2								
Rel-4	<i>current version:</i> 4.6.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i>	New			
	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-16	2002-06-28	4 . 5 . 0	get it					
	RP-18	2003-01-03	4 . 6 . 0	get it					

TS 25.410	UTRAN Iu Interface: General Aspects and Principles								
Rel-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DIESEN, Michael	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i>	Approval at TSG#5			
	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-16	2002-06-28	4 . 4 . 0	get it					
	RP-17	2002-09-30	4 . 5 . 0	get it					

TS 25.411	UTRAN Iu interface layer 1								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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>				

TS 25.412	UTRAN Iu interface signalling transport								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> NG, Cheng Hock	NEC Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-17	2002-09-30	4 . 1 . 0	get it	<i>remarks - this release:</i>				

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

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

TS 25.413 UTRAN Iu interface 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, comments):

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	2002-04-02	4	.	4	.	0
RP-16	2002-07-05	4	.	5	.	0
RP-17	2002-10-03	4	.	6	.	0
RP-18	2003-01-03	4	.	7	.	0
RP-19	2003-03-26	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	2004-04-01	4	.	12	.	0

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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, comments):

RP-11	2001-04-06	4	.	0	.	0
RP-13	2001-10-12	4	.	1	.	0
RP-14	2002-01-14	4	.	2	.	0
RP-15	2002-04-02	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-18	2003-01-03	4	.	5	.	0
RP-19	2003-03-26	4	.	6	.	0
RP-22	2004-01-13	4	.	7	.	0

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

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ACTIVE specs Rel-4 25 .- series
Server location: 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 *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, comments):

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	2002-03-25	4 . 4 . 0	get it	
RP-16	2002-06-28	4 . 5 . 0	get it	
RP-17	2002-09-30	4 . 6 . 0	get it	
RP-18	2003-01-03	4 . 7 . 0	get it	

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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	2002-03-25	4 . 4 . 0	get it	
RP-16	2002-06-28	4 . 5 . 0	get it	
correct vers no.	2002-08-06	4 . 5 . 1	get it	
shown on doc				
RP-17	2002-10-03	4 . 6 . 0	get it	
RP-19	2003-03-26	4 . 7 . 0	get it	
RP-20	2003-06-17	4 . 8 . 0	get it	
RP-21	2003-09-30	4 . 9 . 0	get it	
RP-22	2004-01-13	4 . 10 . 0	get it	

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-11	2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-14	2002-01-11	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-15	2002-04-02	4 . 2 . 0	get it	

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

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

TS 25.421	UTRAN Iur interface Layer 1								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-04-06	4	.	0	.	0		
								get it	<i>remarks - general:</i>
									<i>remarks - this release:</i>
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TS 25.422	UTRAN Iur interface signalling transport								
Rel-4	<i>current version:</i> 4.2.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	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		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i>
								get it	
								get it	
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TS 25.423	UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling								
Rel-4	<i>current version:</i> 4.12.1								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	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	2004-04-01	4	.	12	.	0		
	RP-24	2004-06-18	4	.	12	.	1	ASN.1 editorials	get it

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

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

TS 25.424	UTRAN lur interface data transport & transport signalling for CCH data streams								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-04-06	4	.	0	.	0	get it	<i>remarks - general:</i>
	RP-14	2002-01-11	4	.	1	.	0	get it	<i>remarks - this release:</i>
	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	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</i>								
	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	2002-01-11	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	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	KEKKI, Sami	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-04-06	4	.	0	.	0	get it	<i>remarks - general:</i>
	RP-14	2002-01-11	4	.	1	.	0	get it	<i>remarks - this release:</i>
	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 access.

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ACTIVE specs Rel-4 25 .- series
Server location: 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	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HAKULI, Tuomas	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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-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	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KOIZUMI, Yoshiko	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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-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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KUNZ, Walter	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>						
	RP-11 2001-04-06 4 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

TS 25.432	UTRAN Iub interface: signalling transport						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KOIZUMI, Yoshiko	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>						
	RP-11 2001-04-06 4 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

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

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ACTIVE specs Rel-4 25 .- series
Server location: 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

WG (prime / other): R3 / - *rapporteur:* SEHEDIC, Yann Nortel Networks Germany GmbH & Co. KG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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	2004-04-01	4	.	12	.	0

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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

WG (prime / other): R3 / - *rapporteur:* LAVASANI, Shahab TeliaSonera AB
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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

[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 access.

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

TS 25.435	UTRAN Iub interface user plane protocols for CCH data streams								
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	STOJANOVSKI, Saso	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</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	<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> SP-11	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</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	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	TOWNEND, Richard	mmO2 plc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	CALDENHOVEN, Juergen			
	<i>history (event, available, version, comments):</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	<i>WG (prime / other):</i>	R2	/ -	<i>rapporteur:</i>	LIU, YanHui	China Academy of Telecommunications Technology		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version, comments):</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	

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

TR 25.836	Node B synchronization for TDD								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-10	2001-01-12	4	.	0	.	0		
	RP-11	2001-04-05	4	.	1	.	0		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
<hr/>									
TR 25.838	Node B Synchronisation for TDD (lub/lur aspects)								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	draft	2000-07-15	0	.	0	.	1		
	RP-09	2000-09-21	0	.	1	.	0		
	RP-10	2000-12-21	0	.	1	.	1		
	RP-11	2001-04-06	4	.	0	.	0		
	RP-14	2002-01-11	4	.	1	.	0		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.
								get it	
								get it	
								get it	
<hr/>									
TR 25.840	Terminal power saving features								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09	2000-09-28	1	.	0	.	0		
	RP-10	2001-01-12	2	.	0	.	0		
	RP-11	2001-04-05	2	.	3	.	0		
	RP-22	2004-01-14	4	.	0	.	0		
								get it	<i>remarks - general:</i>
								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: Nevertheless, brought under change control; no further work envisaged.
								get it	approved unseen at RP-22. No further work envisaged.
<hr/>									
TR 25.841	DSCH power control improvement in soft handover								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09	2000-09-28	1	.	0	.	0		
	RP-10	2001-01-12	4	.	0	.	0		
	RP-11	2001-04-04	4	.	1	.	0		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
								get it	
<hr/>									

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

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

TR 25.843	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, comments):</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 access 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, comments):</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, comments):</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, comments):</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.			

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

TR 25.849	DSCH power control improvement in soft handover				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	WOONHEE, Hwang NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen
	<i>history (event, available, version, comments):</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.
<hr/>					
TR 25.850	UE positioning in UTRAN lub/lur protocol aspects				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	HAUTALA, Jari NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen
	<i>history (event, available, version, comments):</i>				
	RP-10 2000-12-21 0 . 0 . 2 RP-000658	get it		<i>remarks - general:</i>	
	draft 2000-12-21 0 . 1 . 0	get it		<i>remarks - this release:</i>	RP-15: No upgrade to Rel-5.
	RP-11 2001-04-06 4 . 0 . 0	get it			
	RP-12 2001-07-06 4 . 1 . 0	get it			
	RP-13 2001-10-12 4 . 2 . 0	get it			
	RP-14 2002-01-11 4 . 3 . 0	get it			
<hr/>					
TR 25.851	RAB Quality of Service (QoS) Renegotiation over lu				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 /	<i>rapporteur:</i>	IRWIN, Sania MOTOROLA GmbH
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen
	<i>history (event, available, version, comments):</i>				
	RP-10 2000-12-21 0 . 0 . 2 RP-000660	get it		<i>remarks - general:</i>	
	RP-11 2001-04-06 4 . 0 . 0	get it		<i>remarks - this release:</i>	RP-15: No upgrade to Rel-5.
<hr/>					
TR 25.853	Delay budget within the access stratum				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	VON BRANDT, Armin SIEMENS AG
	<i>freeze_meeting:</i> RP-11	<i>G:</i>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen
	<i>history (event, available, version, comments):</i>				
	RP-11 2001-04-06 4 . 0 . 0	get it		<i>remarks - general:</i>	Was 25.932. Approved and renumbered at TSG#10.
				<i>remarks - this release:</i>	RP-15: No upgrade to Rel-5.

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

TR 25.921	Guidelines and principles for protocol description and error handling								
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i>	R2	/ -	<i>rapporteur:</i>	BARRETO, Luis	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>								
	RP-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-18	2003-01-13	4	.	5	.	0	get it	
	RP-21	2003-10-02	4	.	6	.	0	get it	
	RP-23	2004-03-26	4	.	7	.	0	get it	
	RP-24	2004-06-17	4	.	8	.	0	get it	

TR 25.922	Radio resource management strategies								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R2	/ -	<i>rapporteur:</i>	HUS, Olivier	Philips Research Laboratories		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-03-27	4	.	0	.	0	get it	<i>remarks - general:</i>
	RP-13	2001-10-02	4	.	1	.	0	get it	<i>remarks - this release:</i>
	RP-15	2002-03-19	4	.	2	.	0	get it	
	RP-23	2004-03-24	4	.	3	.	0	get it	

TR 25.928	1,28 Mcps functionality for UTRA TDD physical layer								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	R1	/ -	<i>rapporteur:</i>	AKSENTIJEVIC, Mirko	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>U:</i> yes	<i>MCC:</i>	SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>								
	RP-07		0	.	0	.	2		<i>remarks - general:</i> Created R1#10, Jan 99.
	RP-07	2000-03-15	0	.	0	.	3	get it	<i>remarks - this release:</i> 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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ACTIVE specs Rel-4 25 .- series
Server location: 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, comments):

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, comments):

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, comments):

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, Gert-Jan SAMSUNG Electronics Research Institute
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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ACTIVE specs Rel-4 25 .- series
Server location: 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 *WG (prime / other):* R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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					

[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 *WG (prime / other):* R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd
freeze_meeting: SP-11 *G:* U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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-000686
RP-11	2001-04-06	4	0	0	
RP-13	2001-10-12	4	1	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

TR 25.942 Radio Frequency (RF) system scenarios

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V
freeze_meeting: SP-12 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11	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	

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

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

TR 25.943	Deployment aspects								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> SKÖLD, Johan		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-12		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>								
	R4-09	0 . 0 . 1							<i>remarks - general:</i>
	R4-11	0 . 1 . 0							<i>remarks - this release:</i>
	RP-08 2000-06-23	2 . 0 . 0						get it	
	RP-12	2 . 1 . 0					RP-010437		
	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	
<hr/>									
TR 25.944	Channel coding and multiplexing examples								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> IKEDA, Shinobu		NEC Corporation		
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>								
	RP-11 2001-04-06	4 . 0 . 0						get it	<i>remarks - general:</i> Created Jan 2000 (aka R1.04)
	edito 2001-04-10	4 . 0 . 1						get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
	RP-12 2001-06-28	4 . 1 . 0						get it	
<hr/>									
TR 25.945	RF requirements for low chip rate TDD option								
Rel-4	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> ZHANG, Daijun		China Academy of Telecommunications Technology		
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>								
	RP-09	0 . 3 . 0							<i>remarks - general:</i>
	RP-10 2000-12-21	2 . 0 . 0					RP-000678	get it	<i>remarks - this release:</i>
	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	

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

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

TR 25.946	RAB Quality of Service (QoS) Negotiation over lu								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	draft 2000-08-15	0 . 0 . 1			get it	<i>remarks - general:</i>			
	R3-15 2000-08-30	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-000656
	RP-11 2001-04-06	4 . 0 . 0			get it				

TR 25.950	UTRA high speed downlink packet access								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R2 / -		<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	draft 2000-11-07	0 . 0 . 0			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.			

TR 25.953	TrFO/TFO								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-10 2000-12-21	0 . 0 . 3			get it	<i>remarks - general:</i>			RP-000664
	RP-11 2001-04-06	4 . 0 . 0			get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			

TR 25.954	Migration to modification procedure								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> YOSHIMURA, Takayuki	Vodafone K.K.			
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</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 25.956	UTRA repeater: Planning guidelines and system analysis								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> GARCIA LOPEZ, Lorena	TELEFONICA S.A.			
	<i>freeze_meeting:</i> RP-11		G: U: yes		<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-11 2001-04-10	4 . 0 . 0			get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			

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

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
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, comments):
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, comments):
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, comments):
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, comments):
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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ACTIVE specs Rel-4 26 .- series
Server location: 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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</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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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):</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, comments):</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, comments):</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, comments):</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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ACTIVE specs Rel-4 26 .- series
Server location: 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	<i>G: yes U: yes</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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	<i>G: U: yes</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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.	

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.131	Terminal acoustic characteristics for telephony; Requirements					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> USAI, Paolino			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 2001-10-02 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	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	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> USAI, Paolino			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 2001-10-02 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	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	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> USAI, Paolino			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	draft 2000-11-02 0 . 1 . 0	get it	<i>remarks - general:</i>			
	SP-10 2000-12-21 1 . 0 . 0	get it	<i>remarks - this release:</i>			
	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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.234	Transparent end-to-end 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, comments):</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, comments):</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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-11 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, comments):
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:* 4.12.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-08 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](#)
NP-24 2004-06-18 4 . 12 . 0 [get it](#)

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

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

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

Rel-4 *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, comments):
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, comments):
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, comments):
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:* VOTE, Nicola NTT DoCoMo Inc.
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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](#)

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

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

TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm Vodafone D2 GmbH
	<i>freeze_meeting:</i> SP-11				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	RODERMUND, Friedhelm
	TP-11 2001-04-06			get it	<i>remarks - general:</i>
	TP-13 2001-10-04			get it	<i>remarks - this release:</i>
	TP-15 2002-03-25			get it	

TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services				
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>				
	NP-11 2001-04-06			get it	<i>remarks - general:</i> GPRS
	NP-16 2002-06-24			get it	<i>remarks - this release:</i>
	NP-17 2002-09-17			get it	
	NP-20 2003-06-23			get it	
	edito post NP-20: 2003-07-01			get it	
	corrects typo				
	(wrong version no.				
	on cover)				

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

TR 27.901	Report on Terminal Interfaces - An Overview				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm Vodafone D2 GmbH
	<i>freeze_meeting:</i> SP-11				
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	RODERMUND, Friedhelm
	TP-11 2001-04-02			get it	<i>remarks - general:</i>
	TP-15 2002-03-26			get it	<i>remarks - this release:</i>

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

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

TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH

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

history (event, available, version, comments):

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

[get it](#)

remarks - general:

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

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

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

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

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

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

history (event, available, version, comments):

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

[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](#)

[get it](#)

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

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

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

TS 29.002 Mobile Application Part (MAP) specification

Rel-4 *current version:* 4.15.0

freeze_meeting: SP-11

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

history (event, available, version, comments):

NP-08	2000-06-23	4 . 0 . 0	get it	<i>remarks - general:</i>
edito	2000-08-04	4 . 0 . 1	get it	<i>remarks - this release:</i>
edito	2000-08-11	4 . 0 . 2	get it	
NP-09	2000-10-26	4 . 1 . 0	get it	
NP-10	2000-12-20	4 . 2 . 0	get it	
edito	2001-02-01	4 . 2 . 1	get it	
NP-11	2001-04-06	4 . 3 . 0	get it	
NP-12	2001-07-06	4 . 4 . 0	get it	
edito	2001-08-16	4 . 4 . 1	get it	
NP-13	2001-10-03	4 . 5 . 0	get it	
NP-14	2002-01-18	4 . 6 . 0	get it	
NP-15	2002-04-04	4 . 7 . 0	get it	
NP-16	2002-06-21	4 . 8 . 0	get it	
NP-17	2002-09-24	4 . 9 . 0	get it	
NP-18	2003-01-09	4 . 10 . 0	get it	
NP-19	2003-04-04	4 . 11 . 0	get it	
NP-20	2003-07-04	4 . 12 . 0	get it	delayed availability due to complexity of changes
NP-21	2003-10-09	4 . 13 . 0	get it	
NP-23	2004-03-23	4 . 14 . 0	get it	
NP-24	2004-06-17	4 . 15 . 0	get it	

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

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

TS 29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone								
Rel-4	<i>current version:</i> 4.11.0	<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, comments):</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					
	NP-24	2004-06-18	4 . 11 . 0	get it					

TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
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:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</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	2004-03-24	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:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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

TS 29.013	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, comments):</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> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</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> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</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 access.

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

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

Rel-4 *current version:* 4.11.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11	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	2004-03-24	4	.	11	.	0	get it

TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)

Rel-4 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-11	2001-04-06	4	.	0	.	0	get it <i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the Public
NP-12	2001-06-28	4	.	1	.	0	get it <i>remarks - this release:</i> 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
NP-24	2004-06-18	4	.	10	.	0	get it

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

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ACTIVE specs Rel-4 29 .- series
Server location: 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				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-11	2001-03-29	4 . 0 . 0	get it	<i>remarks - general:</i> NP-24: txferred to N4 on closure of N2.
	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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-09	2000-10-25	4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5
					<i>remarks - this release:</i>

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

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

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

Rel-4	<i>current version:</i> 4.3.5	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.
	<i>freeze_meeting:</i> NP-11	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
	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
	edito	2002-03-20	4 . 3 . 1	get it
	edito (references	2003-03-31	4 . 3 . 2	get it
	etc)			
	edito	2003-06-18	4 . 3 . 3	Introduction - update of table explaining get it 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 get it how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond
	edito	2004-06-21	4 . 3 . 5	get it

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

Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.
	<i>freeze_meeting:</i> NP-11	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
	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
	NP-20	2003-06-18	4 . 6 . 0	get it
	NP-22	2004-01-14	4 . 7 . 0	get it

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

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

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

Rel-4 *current version:* 4.9.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
NP-24	2004-06-21	4 . 9 . 0	get it	

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-4 *current version:* 4.9.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
NP-24	2004-06-21	4 . 9 . 0	get it	

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

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

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

Rel-4 *current version:* 4.9.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
NP-24	2004-06-21	4 . 9 . 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, comments):

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, comments):

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	

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

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

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

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, comments):

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-24	2004-06-21	4	.	8	.	0	get it

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

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, comments):

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
NP-24	2004-06-21	4	.	5	.	0	get it

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

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

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

Rel-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, comments):

NP-11		1	.	0	.	0		
edito	2001-03-27	1	.	0	.	1	get it	<i>remarks - general:</i>
NP-12		2	.	0	.	0		<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	
NP-22	2004-01-14	4	.	5	.	0	get it	

TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11	2001-04-02	4	.	0	.	0	get it	<i>remarks - general:</i>
edito	2001-05-09	4	.	0	.	1	get it	<i>remarks - this release:</i>
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, comments):

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	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.232 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, comments):

NP-10	2001-01-12	1	.	0	.	0	NP-000652	get it	<i>remarks - general:</i>	Additional rapporteur: Laura.Pomponi@CSELT.IT
NP-11	2001-03-30	4	.	0	.	0		get it	<i>remarks - this release:</i>	
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		

TS 29.414 Core network Nb data transport and transport signalling

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: SP-11

G: U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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		

TS 29.415 Core network Nb interface user plane protocols

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: SP-11

G: U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults									
Rel-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> SP-11			Skov						
			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana					
	<i>history (event, available, version, comments):</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 latest				
	edito post NP-18	2002-12-16	4 . 0 . 1	get it	<i>remarks - this release:</i>	. Release version.				
						TR.				

TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General issues on Application Programme Interface (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>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>									
	NP-11	2001-04-02	4 . 0 . 0	get it	<i>remarks - general:</i>					
					<i>remarks - this release:</i>					

TR 29.998-04-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping									
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.					
	<i>freeze_meeting:</i> NP-11			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>									
	NP-11	2001-04-02	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	2001-10-05	4 . 2 . 0	get it						

TR 29.998-05-1	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping									
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.					
	<i>freeze_meeting:</i> NP-11			<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-05-4 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-11 2001-03-26 1 . 0 . 0 [get it](#) *remarks - general:*
edito 2001-04-02 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 2 . 0 . 0
NP-12 2001-06-29 4 . 0 . 0 [get it](#)

TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

Rel-4 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.902 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, comments):
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 3.0x
remarks - this release: . series.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.048 Security mechanisms for the (U)SIM application toolkit; Test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie Indicate persons who left Company and wait for new One
freeze_meeting: TP-21 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

remarks - general: Test spec for 23.048.
remarks - this release: TP-24: target for approval = TP-25.

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, comments):

TP-11 2001-04-09 4 . 0 . 0
TP-18 2003-01-02 4 . 1 . 0

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[get it](#) *remarks - this release:*

TS 31.102 Characteristics of the USIM application

Rel-4 *current version:* 4.13.0 *WG (prime / other):* T3 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.
freeze_meeting: SP-11 *G:* U: yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-11 2001-04-09 4 . 0 . 0
TP-12 2001-07-23 4 . 1 . 0
TP-13 2001-10-11 4 . 2 . 0
TP-14 2002-01-17 4 . 3 . 0
TP-15 2002-03-28 4 . 4 . 0
TP-16 2002-06-28 4 . 5 . 0
TP-17 2002-09-25 4 . 6 . 0
TP-18 2003-01-02 4 . 7 . 0
TP-19 2003-04-01 4 . 8 . 0
TP-20 2003-06-23 4 . 9 . 0
TP-21 2003-09-30 4 . 10 . 0
TP-22 2004-01-12 4 . 11 . 0
TP-23 2004-03-25 4 . 12 . 0
TP-24 2004-06-15 4 . 13 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.110	Numbering system for telecommunication IC card applications									
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	T3	/ -	<i>rapporteur:</i>	DIETRICH, Christian	Axalto S.A.			
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>									
	TP-11	2001-05-16	4	. 0 . 0	late due to reversal of original T3 decision get it	<i>remarks - general:</i>	Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: to scrap in favour of an ETSI SCP deliverable only	<i>remarks - this release:</i>	Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.	
	TP-14	2002-01-16	4	. 1 . 0	get it					
<hr/>										
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, comments):</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					
<hr/>										
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, comments):</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 access.

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ACTIVE specs Rel-4 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-12	2001-07-06	4	.	0	.	0
TP-16	2002-06-19	4	.	1	.	0
TP-17	2002-09-18	4	.	2	.	0
TP-18	2003-01-02	4	.	3	.	0
TP-19	2003-03-26	4	.	4	.	0
TP-20	2003-06-23	4	.	5	.	0
TP-21	2003-09-29	4	.	6	.	0
TP-23	2004-03-26	4	.	7	.	0
TP-24	2004-06-15	4	.	8	.	0

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)
[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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, comments):

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 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, comments):

SP-11	2001-03-28	4	.	0	.	0
edito	2001-04-11	4	.	0	.	1
SP-12	2001-07-03	4	.	1	.	0
SP-13	2001-10-05	4	.	2	.	0
edito	2002-03-26	4	.	2	.	1

[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 access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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, comments):

SP-11	2001-03-28	4 . 0 . 0	get it	<i>remarks - general:</i>
SP-12	2001-07-03	4 . 1 . 0	get it	<i>remarks - this release:</i>
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	2004-03-23	4 . 5 . 0	get it	

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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
edito (layout and references)	2003-01-07	4 . 0 . 1	get it	<i>remarks - this release:</i>

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	2001-07-04	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-13	2001-10-05	4 . 1 . 0	get it	<i>remarks - this release:</i>
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	
SP-24	2004-06-15	4 . 7 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	2001-07-04	4	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-13	2001-10-05	4	.	1	.	0	get it <i>remarks - this release:</i>
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 (SS)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-13	2001-10-05	4	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-14	2002-01-11	4	.	1	.	0	get it <i>remarks - this release:</i>
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, comments):

SP-12	2001-06-18	1	.	0	.	1	SP-010236 get it <i>remarks - general:</i>
SP-13	2001-10-01	2	.	0	.	0	SP-010464 get it <i>remarks - this release:</i> Had been indicated as approved at SP-12, but this was erroneous.
SP-13	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

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.205 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, comments):

	SP-11	2001-03-29	1	.	0	.	0		get it	<i>remarks - general:</i>
	SP-12	2001-06-18	1	.	1	.	1	SP-010236	get it	<i>remarks - this release:</i>
	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	2004-03-24	4	.	7	.	0		get it	

TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

	SP-12	2001-06-18	1	.	0	.	1	SP-010236	get it	<i>remarks - general:</i>
	SP-13	2001-10-01	2	.	0	.	0	SP-010464	get it	<i>remarks - this release:</i>
	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	2004-03-24	4	.	7	.	0		get it	
	SP-24	2004-06-17	4	.	8	.	0		get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.235	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	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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				
<hr/>							
TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects						
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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				
<hr/>							
TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements						
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</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				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)			
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> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</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

TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution					
Rel-4	<i>current version:</i> Set (SS)	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> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</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		

TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set			
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</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

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.311	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, comments):</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	
<hr/>					
TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)				
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, comments):</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	
<hr/>					
TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-13	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12	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	
	SP-24	2004-06-15	4 . 4 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM				
Rel-4	<i>current version:</i> 4.7.0	<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, comments):</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	2004-03-24	4 . 6 . 0	get it	
	SP-24	2004-06-17	4 . 7 . 0	get it	

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, comments):</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 CM Integration Reference Point (IRP); Requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	SP-12	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 (SS)				
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, comments):</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	2004-03-23	4 . 3 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.603 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, comments):

SP-12	2001-06-21	2	.	0	.	0		get it	<i>remarks - general:</i>	was 32.601-3
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	2002-03-27	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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	2001-06-21	2	.	0	.	0		get it	<i>remarks - general:</i>	was 32.601-4
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-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:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	2001-06-21	2	.	0	.	0		get it	<i>remarks - general:</i>	was 32.602-1
SP-12	2001-07-03	4	.	0	.	0		get it	<i>remarks - this release:</i>	.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)			
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	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</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	2004-03-24	4 . 6 . 0	get it

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	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</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

TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set			
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</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 access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	2001-06-21	2	.	0	.	0	get it <i>remarks - general:</i> was 32.602-5
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-15	2002-03-27	4	.	2	.	0	get it
SP-20	2003-06-27	4	.	3	.	0	get it
Adds XML file with reference from document	2003-10-17	4	.	3	.	1	get it
SP-22	2004-01-13	4	.	4	.	0	get it
SP-24	2004-06-17	4	.	5	.	0	get it

XML in separate file, added 2003-07-03

TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	2001-06-21	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-1
SP-12	2001-07-03	4	.	0	.	0	get it <i>remarks - this release:</i> .

TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.4.0 *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, comments):

SP-12	2001-06-21	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-2
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-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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture						
Rel-4	current version: (CORBA) Solution Set (SS)	4.3.0	WG (prime / other):	S5	/-	rapporteur:	PIRT, Trevor
MOTOROLA Ltd							
	freeze_meeting: SP-12	G: yes	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version, comments):						
	SP-12 2001-06-21	2 . 0 . 0	get it	remarks - general:	was 32.620-3		
	SP-12 2001-07-03	4 . 0 . 0	get it	remarks - this release:	.		
	SP-13 2001-10-05	4 . 1 . 0	get it				
	SP-14 2002-01-11	4 . 2 . 0	get it				
	SP-19 2003-03-31	4 . 3 . 0	get it				

TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol						
Rel-4	current version: (CMIP) Solution Set (SS)	4.6.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf
SIEMENS AG							
	freeze_meeting: SP-12	G: yes	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version, comments):						
	SP-12 2001-06-21	2 . 0 . 0	get it	remarks - general:	was 32.620-4		
	SP-12 2001-07-04	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				
	SP-15 2002-03-27	4 . 3 . 0	get it				
	SP-16 2002-06-28	4 . 4 . 0	get it				
	SP-21 2003-10-02	4 . 5 . 0	get it				
	SP-24 2004-06-15	4 . 6 . 0	get it				

TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements					
Rel-4	current version: 4.0.0	WG (prime / other):	S5 / -	rapporteur:	PIRT, Trevor	MOTOROLA Ltd
	freeze_meeting: SP-12	G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):					
	SP-12 2001-06-21	2 . 0 . 0	get it	remarks - general:	was 32.621-1	
	SP-12 2001-07-03	4 . 0 . 0	get it	remarks - this release:	.	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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, comments):</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, comments):</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					
Rel-4	<i>current version:</i> (CMIP) 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, comments):</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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.642	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	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-12	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 (SS)	4.3.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
	SP-12	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 (SS)	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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-12	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:</i> yes <i>U:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 (SS)	4.2.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> RAYMER, David
Motorola Inc.				
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-12	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 (SS)	4.2.0	<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>	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</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 access.

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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	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	draft	2000-10-31	0 . 0 . 1	get it	<i>remarks - general:</i>
	draft	2001-01-17	0 . 0 . 3	get it	<i>remarks - this release:</i> .
	SP-12	2001-06-18	1 . 0 . 0	get it	NP-010239 (!)
	SP-12	2001-07-03	4 . 0 . 0	get it	SP-010233 (for approval!)

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102	3G security; Security architecture				
Rel-4	<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	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
<i>history (event, available, version, comments):</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	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic algorithm requirements					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-11 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-24: Decision reversed, promoted to Rel-5 and -6.
	SP-24 2004-06-15 4 . 2 . 0			get it		
<hr/>						
TS 33.106	Lawful interception requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</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>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-04 4 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-13 2001-10-03 4 . 1 . 0			get it	<i>remarks - this release:</i>	
	SP-14 2002-01-07 4 . 2 . 0			get it		
	SP-15 2002-03-26 4 . 3 . 0			get it		
<hr/>						
TS 33.120	Security Objectives and Principles					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	Hutchison 3G UK Ltd (3)		
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	draft	2001-06-26	1 . 0 . 1	get it	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.
	SA-12		2 . 0 . 0		<i>remarks - this release:</i>	
	SP-12	2001-07-04	4 . 0 . 0	get it		
	SP-13	2001-10-03	4 . 1 . 0	get it		
	SP-14	2002-01-07	4 . 2 . 0	get it		
	SP-15	2002-03-26	4 . 3 . 0	get it		
<hr/>						
TR 33.901	Criteria for cryptographic Algorithm design process					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	SP-11	2001-10-03	4 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.
<hr/>						
TR 33.902	Formal Analysis of the 3G Authentication Protocol					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	SP-11	2001-10-03	4 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.
<hr/>						
TR 33.903	Access Security for IP based services					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
					<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version, comments):</i>						
	SP-11	2001-10-03	4 . 0 . 0	get it	<i>remarks - general:</i>	TSG#7: S3-000105=NP-000049
					<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-11 2001-04-04 4 . 0 . 0
correct misprint in 2001-07-23 4 . 0 . 1
spec number

[get it](#) *remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
[get it](#) *remarks - this release:* SP-15: Not to be promoted to Rel-5.

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:* 4.11.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nuhman ANRITSU LTD
freeze_meeting: SP-13 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-13 2001-10-08 4 . 0 . 0
TP-14 2002-01-09 4 . 1 . 0
TP-15 2002-03-20 4 . 2 . 0
edito post TP-15 2002-03-26 4 . 2 . 1
TP-16 2002-06-17 4 . 3 . 0
TP-17 2002-09-11 4 . 4 . 0
TP-18 2002-12-18 4 . 5 . 0
TP-19 2003-03-24 4 . 6 . 0
TP-20 2003-06-18 4 . 7 . 0
TP-21 2003-10-10 4 . 8 . 0
TP-22 2004-01-16 4 . 9 . 0
TP-23 2004-03-26 4 . 10 . 0
TP-24 2004-06-18 4 . 11 . 0

technical contents removed, is just a pointer to Rel-5 version

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109	Terminal logical test interface; Special conformance testing functions								
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i>	R2 / T1	<i>rapporteur:</i>	BERGGREN, Anders	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	U: yes	<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-11	2001-03-27	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9:				
	RP-12	2001-06-19	4 . 1 . 0	get it	<i>remarks - this release:</i> 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					
<hr/>									
TS 34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	HIGUCHI, Kenji	ADVANTEST Corporation			
	<i>freeze_meeting:</i> SP-13	<i>G:</i>	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version, comments):</i>								
	TP-20	2003-06-17	4 . 0 . 0	get it	<i>remarks - general:</i> upgrade sans CR				
	TP-21	2003-10-10	4 . 1 . 0	get it	<i>remarks - this release:</i>				
<hr/>									
TS 34.122	Terminal conformance specification, Radio transmission and reception (TDD)								
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG			
	<i>freeze_meeting:</i> SP-13	<i>G:</i>	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version, comments):</i>								
	TP-12	2001-07-03	4 . 0 . 0	get it	<i>remarks - general:</i>				
	TP-13	2001-10-03	4 . 1 . 0	get it	<i>remarks - this release:</i>				
	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 access.

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ACTIVE specs Rel-4 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-1 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, comments):
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, comments):
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, comments):
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, comments):
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](#)

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ACTIVE specs Rel-4 34 .- series
Server location: 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, comments):
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 Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment
Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B Research In Motion Limited
freeze_meeting: SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
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, comments):
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, comments):
SP-11 2001-08-28 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release:

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ACTIVE specs Rel-4 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i> SP-11 2001-08-28 4 . 0 . 0		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence			
				<i>remarks - this release:</i>			
<hr/>							
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i> SP-11 2001-08-28 4 . 0 . 0		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence			
				<i>remarks - this release:</i>			
<hr/>							
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document						
Rel-4	<i>current version:</i> 1: General	4.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael		
VODAFONE Group Plc							
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i> SP-11 2001-05-09 4 . 0 . 0		get it	<i>remarks - general:</i> ex SAGE. 2002-06: clarified that deliverable is TS not TR.			
				<i>remarks - this release:</i> TSG#11:changed to Rel-4.			
<hr/>							
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document						
Rel-4	<i>current version:</i> 2: Algorithm specification	4.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael		
VODAFONE Group Plc							
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i> SP-11 2001-05-09 4 . 0 . 0		get it	<i>remarks - general:</i> ex SAGE			
				<i>remarks - this release:</i> TSG#11:changed to Rel-4			
<hr/>							
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document						
Rel-4	<i>current version:</i> 3: Implementors' test data	4.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael		
VODAFONE Group Plc							
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i> SP-11 2001-05-09 4 . 0 . 0		get it	<i>remarks - general:</i> ex SAGE			
				<i>remarks - this release:</i> TSG#11:changed to Rel-4			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.208 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document
Rel-4 *current version: 4: Design conformance test data* 4.0.0 *WG (prime / other):* S3 /- *rporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
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*; Document
Rel-4 *current version: 5: Summary and results of design and evaluation* 4.0.0 *WG (prime / other):* S3 /- *rporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
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 /- *rporteur:* 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, comments):
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 /- *rporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-11 G: yes U: MCC: POPE, Maurice

history (event, available, version, comments):
SP-11 2001-05-02 4 . 0 . 0 [get it](#) *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 access.

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ACTIVE specs Rel-4 41 .- series
Server location: 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, comments):
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:* 4.11.0 *WG (prime / other):* SP / *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-20 2003-06-25 4 . 9 . 0 Created from 41.102 v4.9.0 [get it](#) *remarks - general:*
SP-23 2004-04-02 4 . 10 . 0 [get it](#) *remarks - this release:* .
SP-24 2004-06-24 4 . 11 . 0 [get it](#)

Rel-4 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.009 Security Aspects
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Per TeliaSonera AB
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
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, comments):
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 access.

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ACTIVE specs Rel-4 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	T3	/ -	<i>rapporteur:</i>	DIETRICH, Christian	Axalto S.A.		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>			<i>MCC:</i>	JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>								
	TP-12 2001-07-06 4 . 0 . 0				get it	<i>remarks - general:</i>	TP-17: From Rel-6, transferred to ETSI TS 102 240.		
						<i>remarks - this release:</i>	.		
<hr/>									
TS 42.033	Lawful Interception; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3	/	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>			<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>								
	SP-11 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1	/	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>			<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>								
	SP-11 2001-04-02 4 . 0 . 0				get it	<i>remarks - general:</i>	Was 22.043 at Rel99.		
						<i>remarks - this release:</i>			
<hr/>									
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1	/ -	<i>rapporteur:</i>	POIRAUD, Patrick	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>			<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>								
	SP-11 2001-04-02 4 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 42.068	Voice Group Call Service (VGCS); Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1	/ -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>			<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>								
	SP-08 2000-06-23 4 . 0 . 0 32,304				get it	<i>remarks - general:</i>			
	edito 2000-10-24 4 . 0 . 1				get it	<i>remarks - this release:</i>			
	SP-10 2001-01-08 4 . 1 . 0				get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 42 .- series
Server location: 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, comments):
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, comments):
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, comments):
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, comments):
GP-04 2001-04-11 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series
Server location: 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 S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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				
<hr/>						
TS 43.020	Security-related network functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-11	GP	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	SP-09 2000-11-04 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-4	<i>current version:</i> 4.5.0	<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, comments):</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				
<hr/>						
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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> Skov USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
	re-issue as TR (not TS) as per 03.26	get it	<i>remarks - this release:</i>			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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, comments):</i>					
	GP-01 2000-10-10 4 . 0 . 0			get it	<i>remarks - general:</i>	
	some refs revert to 2000-10-24 4 . 0 . 1			get it	<i>remarks - this release:</i>	
	pre-Rel-4 GSM format					
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-11 2001-04-06 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 2001-04-11 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.055	Dual Transfer Mode (DTM); Stage 2								
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ,	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-11			Jose Luis					
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	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					
	GP-21		4 . 4 . 0						

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, comments):</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> 4.6.0		<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, comments):</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					
	GP-19	2004-05-06	4 . 6 . 0	get it					

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	2001-02-15	4 . 0 . 0	get it	<i>remarks - general:</i>
GP-04	2001-04-20	4 . 1 . 0	get it	<i>remarks - this release:</i>
GP-07	2002-01-04	4 . 2 . 0	get it	
GP-08	2002-02-19	4 . 3 . 0	get it	
GP-14	2003-04-25	4 . 4 . 0	get it	
GP-19	2004-05-06	4 . 5 . 0	get it	

TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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-10	2001-01-02	4 . 2 . 0	get it	
edito	2002-06-17	4 . 2 . 1	get it	
edito	2002-06-28	4 . 2 . 2	get it	
NP-21	2003-10-08	4 . 3 . 0	get it	

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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	2002-06-28	4 . 1 . 1	get it	
NP-10	2001-01-03	4 . 2 . 0	get it	
edito	2002-06-06	4 . 2 . 1	get it	
Note 1 to 9 and Note 2 to 10 in fig. 4	2002-06-27	4 . 2 . 2	get it	
NP-21	2003-10-08	4 . 3 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-16
history (event, available, version, comments):
SP-16 2002-06-24 4 . 0 . 0 = 23.073 v4.0.0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

Rel-4 **44** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-11 4 . 0 . 0
NP-16 2002-06-20 4 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* JURISIC, Andrijana

[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
history (event, available, version, comments):
GP-04 2001-05-04 4 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

[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
history (event, available, version, comments):
GP-04 2001-05-04 4 . 0 . 0
GP-06 2001-09-14 4 . 1 . 0
GP-07 2002-01-08 4 . 2 . 0

WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
G: yes U: *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series
Server location: 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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
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 Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-04 2001-05-04 4 . 0 . 0
GP-08 2002-02-19 4 . 1 . 0
post GP-08 editorial 2003-12-05 4 . 1 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 44.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

Rel-4 *current version:* 4.0.1
freeze_meeting: GP-04

WG (prime / other): G2 / N2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
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:* DAWES, Peter VODAFONE LTD
G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):
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:*

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.014 Individual equipment type requirements and interworking; Special conformance testing functions

Rel-4 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-04	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-10	2002-07-19	4 . 2 . 0	get it	
GP-15	2003-07-10	4 . 3 . 0	get it	
GP-20	2004-07-23	4 . 4 . 0	get it	

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

Rel-4 *current version:* 4.19.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

04.18 to 3G format	2000-08-10	4 . 0 . 0	get it	<i>remarks - general:</i>
GP-01	2000-10-11	4 . 1 . 0	get it	<i>remarks - this release: #32:9.0.0 MCC-converted Aug00:</i>
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 editorial	2003-12-05	4 . 15 . 1	get it
GP-18	2004-02-23	4 . 16 . 0	get it	
GP-19	2004-05-06	4 . 17 . 0	get it	
GP-20	2004-07-23	4 . 18 . 0	get it	
GP-21	2004-09-04	4 . 19 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>						
	NP-10 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>				

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SM-LC) Radio Resource LCS Protocol (RRLP)						
Rel-4	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version, comments):</i>						
	GP-04 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					
	GP-19 2004-05-06 4 . 9 . 0	get it					
	GP-20 2004-07-23 4 . 10 . 0	get it					
	GP-21 2004-09-04 4 . 11 . 0	get it					

TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version, comments):</i>						
	GP-04 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>				

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> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	NP-11 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification				
Rel-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> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-11 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
Rel-4	<i>current version:</i> 4.18.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-03 2001-01-31 4 . 0 . 0	get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System	
	GP-04 2001-05-04 4 . 1 . 0	get it	<i>remarks - this release:</i>	(BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol	
	GP-05 2001-06-18 4 . 2 . 0	get it			
	GP-06 2001-09-14 4 . 3 . 0	get it			
	GP-07 2002-01-09 4 . 4 . 0	get it			
	GP-08 2002-02-19 4 . 5 . 0	get it			
	GP-09 2002-05-03 4 . 6 . 0	get it			
edito post	GP-09 2002-05-28 4 . 6 . 1	get it			
	GP-10 2002-07-19 4 . 7 . 0	get it			
	GP-11 2002-09-16 4 . 8 . 0	get it			
	GP-12 2002-12-17 4 . 9 . 0	get it			
	GP-13 2003-02-21 4 . 10 . 0	get it			
	GP-14 2003-04-29 4 . 11 . 0	get it			
	GP-15 2003-07-10 4 . 12 . 0	get it			
	GP-16 2003-09-13 4 . 13 . 0	get it			
	GP-17 2003-12-05 4 . 14 . 0	get it			
	GP-18 2004-02-23 4 . 15 . 0	get it			
	GP-19 2004-05-06 4 . 16 . 0	get it			
	GP-20 2004-07-23 4 . 17 . 0	get it			
	GP-21 4 . 18 . 0	get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-11	2001-04-11	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-14	2002-01-04	4 . 2 . 0	get it	
	NP-15	2002-03-19	4 . 3 . 0	get it	
<hr/>					
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	conversion to 3GPP format	2000-09-06	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 44.069	Broadcast Call Control (BCC) protocol				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-04	2001-05-04	4	.	0	.	0
GP-05	2001-06-18	4	.	1	.	0
GP-07	2002-01-08	4	.	2	.	0
GP-10	2002-07-19	4	.	3	.	0

[get it](#) *remarks - general:*
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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 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-11

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-01	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:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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

NOKIA Corporation

G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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

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TS 45.003 Channel coding

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	2001-02-06	4	.	0	.	0
GP-07	2002-01-04	4	.	1	.	0
GP-14	2003-04-25	4	.	2	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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TS 45.004 Modulation

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-04	2001-06-18	4	.	0	.	0
GP-05	2001-06-29	4	.	1	.	0
GP-07	2002-01-04	4	.	2	.	0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.14.0

freeze_meeting: SP-11

history (event, available, version, comments):

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	2001-02-15	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-09	2002-05-06	4	.	7	.	0
GP-10	2002-07-19	4	.	8	.	0
GP-11	2002-09-19	4	.	9	.	0
GP-13	2003-02-21	4	.	10	.	0
GP-14	2003-04-25	4	.	11	.	0
GP-15	2003-07-11	4	.	12	.	0
GP-16	2003-09-12	4	.	13	.	0
GP-19	2004-05-06	4	.	14	.	0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008 Radio subsystem link control

Rel-4 *current version:* 4.15.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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
GP-20	2004-07-09	4	.	14	.	0
GP-21		4	.	15	.	0

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TS 45.009 Link adaptation

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-02	2001-02-06	4	.	0	.	0
GP-06	2001-10-01	4	.	1	.	0
GP-07	2002-01-04	4	.	2	.	0

[get it](#) *remarks - general:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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, comments):</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				
<hr/>						
TR 45.022	Radio link management in hierarchical networks					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-Mobile International AG		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 45.050	Background for RF Requirements					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 2001-04-11 4 . 0 . 0	get it	<i>remarks - general:</i>			
	make figures legible 2001-08-01 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 45.056	CTS-FP Radio Sub-system					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 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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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.001	Full Rate Speech Processing Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i> SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i>	

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.010	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, comments):</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>		
<hr/>						
TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>		
<hr/>						
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, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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:		MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.051	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, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.060	Enhanced full rate speech transcoding					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i>
	fix invisible figures 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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 2001-04-10 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>

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ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.006	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>freeze_meeting:</i> GP-04
	<i>WG (prime / other):</i> G2 / - <i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov
	<i>G: yes U:</i> <i>MCC:</i> THOMASEN, Gert
<i>history (event, available, version, comments):</i>	
GP-04	2001-05-04 4 . 0 . 0 get it <i>remarks - general:</i> <i>remarks - this release:</i>

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>freeze_meeting:</i> GP-04
	<i>WG (prime / other):</i> G2 / - <i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov
	<i>G: yes U:</i> <i>MCC:</i> THOMASEN, Gert
<i>history (event, available, version, comments):</i>	
08.08 to 3G format	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

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>freeze_meeting:</i> GP-04
	<i>WG (prime / other):</i> G2 / - <i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov
	<i>G: yes U:</i> <i>MCC:</i> THOMASEN, Gert
<i>history (event, available, version, comments):</i>	
GP-04	2001-05-04 4 . 0 . 0 get it <i>remarks - general:</i> <i>remarks - this release:</i>

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04			Skov	
		G: yes U:	MCC:	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	GP-02 2000-11-17	4 . 0 . 0	get it	<i>remarks - general:</i>	
	GP-04 2001-05-04	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	edito 2001-06-07	4 . 1 . 1	get it		
	GP-06 2001-09-14	4 . 2 . 0	get it		
	GP-15 2003-07-10	4 . 3 . 0	get it		
	GP-20 2004-07-23	4 . 4 . 0	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> 4.7.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA Ltd	
	<i>freeze_meeting:</i> GP-04			THOMASEN, Gert	
		G: yes U:	MCC:		
<i>history (event, available, version, comments):</i>					
	GP-02 2000-11-17	4 . 0 . 0	get it	<i>remarks - general:</i>	
	GP-03 2001-01-31	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	GP-04 2001-05-04	4 . 2 . 0	get it		
	GP-05 2001-06-18	4 . 3 . 0	get it		
	edito 2001-06-29	4 . 3 . 1	get it		
	GP-06 2001-09-10	4 . 4 . 0	get it		
	GP-09 2002-05-06	4 . 5 . 0	get it		
	GP-18 2004-02-23	4 . 6 . 0	get it		
	GP-19 2004-05-06	4 . 7 . 0	get it		

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11			BOSWARTHICK, David	
		G: yes U:	MCC:		
<i>history (event, available, version, comments):</i>					
	NP-11 2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-17 2002-09-19	4 . 1 . 0	get it	<i>remarks - this release:</i>	

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ACTIVE specs Rel-4 48 .- series
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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>freeze_meeting:</i> GP-04
	<i>WG (prime / other):</i> G2 / - <i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov
	<i>G:</i> yes <i>U:</i> <i>MCC:</i> THOMASEN, Gert
	<i>history (event, available, version, comments):</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>

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 MOTOROLA A/S Skov
	<i>G:</i> yes <i>U:</i> <i>MCC:</i> THOMASEN, Gert
	<i>history (event, available, version, comments):</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>

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 MOTOROLA A/S Skov
	<i>G:</i> yes <i>U:</i> <i>MCC:</i> THOMASEN, Gert
	<i>history (event, available, version, comments):</i>
	GP-04 2001-05-04 4 . 0 . 0 get it <i>remarks - general:</i>
	edito 2001-05-15 4 . 0 . 1 get it <i>remarks - this release:</i>

TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04
	<i>WG (prime / other):</i> G2 / - <i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov
	<i>G:</i> yes <i>U:</i> <i>MCC:</i> THOMASEN, Gert
	<i>history (event, available, version, comments):</i>
	GP-04 2001-05-04 4 . 0 . 0 get it <i>remarks - general:</i>
	get it <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 MOTOROLA A/S Skov
	<i>G:</i> yes <i>U:</i> <i>MCC:</i> THOMASEN, Gert
	<i>history (event, available, version, comments):</i>
	GP-04 2001-05-04 4 . 0 . 0 get it <i>remarks - general:</i>
	get it <i>remarks - this release:</i>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-04		Skov				
		G: yes U:	MCC:	THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>						
	GP-04 2001-05-04 4 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-08 2002-02-19 4 . 1 . 0	get it	<i>remarks - this release:</i>				

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-04		Skov				
		G: yes U:	MCC:	USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	GP-04 2001-05-04 4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	edito 2001-05-28 4 . 0 . 1	get it	<i>remarks - this release:</i>				
	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	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-04		Skov				
		G: yes U:	MCC:	USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	GP-04 2001-05-04 4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	GP-08 2002-02-19 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	editorial pody GP-08 2002-03-20 4 . 1 . 1	get it					
							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	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-04		Skov				
		G: yes U:	MCC:	THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>						
	GP-04 2001-05-04 4 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-06 2001-09-14 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	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 . 0	get it					

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.001 General network interworking scenarios

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

[get it](#) *remarks - general:*
[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
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-11 2001-04-11 4 . 0 . 0
draft 2002-06-17 4 . 0 . 1
NP-19 2003-03-24 4 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-4 *current version:* 4.4.0
freeze_meeting: GP-04

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov

G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-04 2001-05-04 4 . 0 . 0
edito 2001-10-03 4 . 0 . 1
GP-06 2001-09-14 4 . 1 . 0
edito 2001-10-03 4 . 1 . 1
GP-07 2002-01-08 4 . 2 . 0
GP-10 2002-07-19 4 . 3 . 0
GP-19 2004-05-06 4 . 4 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

Rel-4 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 50 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.059 Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-04	2001-04-11	4	.	0	.	0	get it <i>remarks - general:</i>
edito	2001-10-01	4	.	0	.	1	get it <i>remarks - this release:</i>

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):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version, comments):

conversion from	2000-08-01	4	.	0	.	1	get it <i>remarks - general:</i> 2001-11-19: G4->G5.
11.10-1 v9.0.1							<i>remarks - this release:</i> #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 access.

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 NP /

T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

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

[get it](#) *remarks - general:* 2001-11-19: G4->G5.

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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[get it](#)

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /

T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

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

[get it](#) *remarks - general:* 2001-11-19: G4->G5.

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-4 *current version:* 0.0.1 DRAFT *WG (prime / other):* T3 / G3new *rporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-14 2002-01-02 0 . 0 . 1 TP-010250; TP17: the previous doc turned
Withdrawn, because doc

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17:

out to be a sort of draft CR for R99

remarks - this release: TP-17: Withdrawn, because doc was in fact R99, not Rel-4. 2003-07-15: Dietze was in

fact R99, not Rel-4. TP-20: transferred to T3 (for when Rel-4 appears!). 2003-

(11.10-4). 2003-07-15: Dietze indicates

indicates that Rel-4 will eventually be produced, so this Release reinstated (though

07-15: Unwithdrawn - see comments against Rel-4.

that a Rel-4 will be required, so this

existing so-called draft v0.0.1 is still scrapped).

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:* 4.12.0 *WG (prime / other):* T3 / - *rporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 to be open.

TP-13 2001-10-11 4 . 2 . 0

[get it](#)

TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version withdrawn!

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 2004-03-26 4 . 11 . 0

[get it](#)

TP-24 2004-06-15 4 . 12 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.013	Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BEGASSAT, Christophe	Axalto S.A.					
	<i>freeze_meeting:</i> TP-19	G: yes U:	MCC:	JURISIC, Andrijana					
<i>history (event, available, version, comments):</i>									
	TP-16	2002-06-26	1 . 0 . 0	TP-020128	get it	<i>remarks - general:</i>			
	TP-17	2002-09-23	2 . 0 . 0	TP-020220. Doc has been created without CRs and with no Change History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR. TP-18: no CR; anticipate at TP-19.	get it	<i>remarks - this release:</i>	TP-15: New WI approved in TP-020029.		
	TP-19	2003-04-04	4 . 0 . 0	Created with CR to 11.13 R99	get it				
replace Annex E with correct file	2003-04-16	4 . 0 . 1			get it				
	TP-22	2004-01-12	4 . 1 . 0		get it				
<hr/>									
TS 51.014	Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC:	JURISIC, Andrijana					
<i>history (event, available, version, comments):</i>									
	TP-18	2003-01-02	4 . 0 . 0		get it	<i>remarks - general:</i>			
	TP-19	2003-04-04	4 . 1 . 0		get it	<i>remarks - this release:</i>	RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI TS 102 223 Rel-4 (via a CR to 11.14 R99).		
	TP-21	2003-09-29	4 . 2 . 0		get it				
	TP-22	2004-01-12	4 . 3 . 0		get it				
<hr/>									
TS 51.021	GSM radio aspects base station system equipment specification								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-13	G: yes U:	MCC:	USAI, Paolino					
<i>history (event, available, version, comments):</i>									
	GP-07	2002-01-11	4 . 0 . 0		get it	<i>remarks - general:</i>			
	GP-10	2002-07-19	4 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	GP-12	2003-01-03	4 . 2 . 0		get it				
	GP-13	2003-02-21	4 . 3 . 0		get it				
	GP-15	2003-07-11	4 . 4 . 0		get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 51 .- series
Server location: 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, comments):

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, comments):

GP-09 2002-05-06 4 . 0 . 0

WG (prime / other): G1 / S5 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
G: yes U: *MCC:* USAI, Paolino

[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, comments):

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 NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* ZOICAS, Adrian

[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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 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

R99	<i>current version:</i> 8.13.0		WG (prime / other):	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, comments):</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 included		1999-09-15	0 . 1 . 0	get it		
Becomes T2/smg4 responsibility		1999-09-21	0 . 2 . 0	get it		
	draft	2000-08-04	0 . 3 . 0	get it		
	editorials	1999-10-01	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	get it	Alignment with 21.101: 1.1.0.	
	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	2004-04-02	8 . 12 . 0	get it		
	SP-24	2004-06-24	8 . 13 . 0	get it		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04	Abbreviations and acronyms					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	upgrade to R99 2000-05-10 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 2000-06-30 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TR 01.33	Lawful Interception requirements for GSM					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 2000-06-30 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 2000-06-30 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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 access.

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ACTIVE specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.09	Security aspects						
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S3 / S1 / NP	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99 2000-06-30 8 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication 2001-06-05 8 . 0 . 1	get it	<i>remarks - this release:</i>				
<hr/>							
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics						
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i>	HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i>	JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>						
	smg-30 1999-11-11 8 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1						
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	Axalto S.A.		
	<i>freeze_meeting:</i> SP-12	<i>G: yes U:</i>	<i>MCC:</i>	JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>						
	TP-12 2002-02-01 8 . 0 . 0 delayed awaiting 11.14	get it	<i>remarks - general:</i>	SMG9->T3@#31			
			<i>remarks - this release:</i>	Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!			
<hr/>							
TS 02.33	Lawful Interception (LI); Stage 1						
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99 2000-04-14 8 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication 2001-06-05 8 . 0 . 1	get it	<i>remarks - this release:</i>				
<hr/>							
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1						
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>						
	SP-11 2001-05-02 8 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>	TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version too!			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.48	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, comments):						
	Upgrade to R99	2000-05-17	8 . 0 . 0	get it	remarks - general:	SMG9->T3@#31
					remarks - this release:	.
<hr/>						
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, comments):						
	upgrade to R99	2000-11-16	8 . 0 . 0	get it	remarks - general:	SMG11->S4 at SMG#30
	ETSI publication	2001-07-20	8 . 0 . 1	get it	remarks - this release:	Nov-00: Created to fill the gap.
<hr/>						
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, comments):						
	Upgrade to R99	2000-05-01	8 . 0 . 0	get it	remarks - general:	
	ETSI publication	2000-10-17	8 . 0 . 1	get it	remarks - this release:	.
<hr/>						
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, comments):						
	smg-31	2000-11-30	8 . 0 . 0	get it	remarks - general:	
	SP-10	2001-01-12	8 . 1 . 0	get it	remarks - this release:	
<hr/>						
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, comments):						
	Upgrade to R99	2000-05-10	8 . 0 . 0	get it	remarks - general:	
	ETSI publication	2000-10-17	8 . 0 . 1	get it	remarks - this release:	. TSG#10:8.1.0
	SP-10	2001-01-12	8 . 1 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.76	Noise Suppression for the AMR					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29	2 . 0 . 0				<i>remarks - general:</i>
	SP-07 2000-03-17	8 . 0 . 0				<i>remarks - this release:</i>
	ETSI publication 2002-07-30	8 . 0 . 1	ETSI publication only - 3GPP use 8.0.0			get it
	(not for 3GPP server)					get it
<hr/>						
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-07 2000-03-17	8 . 0 . 0				get it
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<hr/>						
R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series						
<hr/>						
TR 03.05	Technical performance objectives					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 2000-06-30	8 . 0 . 0				get it
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-30	8 . 0 . 0				get it
	NP-06 1999-12-17	8 . 1 . 0				get it
	NP-09 2000-10-18	8 . 2 . 0				get it
	NP-10 2000-12-21	8 . 3 . 0				get it
						<i>remarks - general:</i>
						<i>remarks - this release:</i>
<hr/>						

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version, comments):
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, comments):
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 TP-16 2002-08-14 8 . 4 . 1
TP-17 2002-09-27 8 . 5 . 0

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian
G: yes U: MCC: JURISIC, Andrijana

Axalto S.A.

[get it](#) *remarks - general:* SMG9->T3@#31
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R99 *current version:* 8.1.0
freeze_meeting: SP-06
history (event, available, version, comments):
smg-30 1999-11-24 8 . 0 . 0
smg-32 2000-06-20 8 . 1 . 0

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:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R99	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-29 1999-06-30	8 . 0 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and		
	smg-30 1999-11-11	8 . 1 . 0	get it	<i>remarks - this release:</i>	group receive mode".		
	smg-30b 1999-12-06	8 . 2 . 0	get it				
	smg-31 2000-02-16	8 . 3 . 0	get it				
	GP-03 2001-02-15	8 . 4 . 0	get it				
	GP-05 2001-06-29	8 . 5 . 0	get it				
	GP-10 2002-07-19	8 . 6 . 0	get it				
	GP-11 2002-09-19	8 . 7 . 0	get it				

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06				Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99 2000-03-29	8 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i>	.		

TR 03.30	Radio Network Planning Aspects						
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</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 #30b: 8.2.0 #31:8.3.0		
	smg-30b 1999-12-06	8 . 2 . 0	get it				
	smg-31 2000-02-16	8 . 3 . 0	get it				

TS 03.33	Lawful Interception; Stage 2						
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99 2000-06-30	8 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 2000-12-21	8 . 1 . 0	get it	<i>remarks - this release:</i>	TSG#10:8.1.0		

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-30 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 2001-10-30 8 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-06 1999-12-17 8 . 0 . 0 (source Klehn)		get it	<i>remarks - general:</i>		
	ETSI publication 8 . 0 . 1 ETSI format only. Not for 3GPP use.			<i>remarks - this release:</i>		
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R99	<i>current version:</i> 8.8.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-30 8 . 0 . 0		get it	<i>remarks - general:</i> SMG9->T3@#31		
	smg-30 1999-11-11 8 . 1 . 0		get it	<i>remarks - this release:</i>		
	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			
<hr/>						
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
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, comments):</i>					
	Upgrade to R99 2000-03-29 8 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 2000-09-22 8 . 0 . 1		get it	<i>remarks - this release:</i> #32:8.1.0		
	smg-32 2000-06-20 8 . 1 . 0		get it			
	ETSI publication 2000-11-29 8 . 1 . 1		get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2						
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99 2000-03-29 8 . 0 . 0		get it	<i>remarks - general:</i>			
	ETSI publication 2000-09-29 8 . 0 . 1		get it	<i>remarks - this release:</i> .			
<hr/>							
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2						
R99 (EUROPE)	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i>	FAUCONNIER, Denis	NORTEL NETWORKS		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99 2000-03-30 8 . 0 . 0		get it	<i>remarks - general:</i> Mar00: prime responsibility txfrd to SMG11			
				<i>remarks - this release:</i> .			
<hr/>							
TS 03.55	Dual Transfer Mode (DTM); Stage 2						
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	GP-02 2001-01-05 8 . 0 . 0		get it	<i>remarks - general:</i> 2003-10-09: Converted from TR to TS.			
	GP-16 2003-09-12 8 . 1 . 0		get it	<i>remarks - this release:</i> 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)						
	GP-21 8 . 2 . 0						
<hr/>							
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)						
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom			
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99 2000-03-30 8 . 0 . 0		get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i> .			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R99	<i>current version:</i> 8.12.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version, comments):</i>					
	smg-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	
	smg-32	2000-06-20	8 . 5 . 0	get it	
	GP-01	2000-10-09	8 . 6 . 0	get it	
	GP-03	2001-02-15	8 . 7 . 0	get it	
	GP-04	2001-04-20	8 . 8 . 0	get it	
	GP-07	2002-01-04	8 . 9 . 0	get it	
	GP-08	2002-02-19	8 . 10 . 0	get it	
	GP-14	2003-04-25	8 . 11 . 0	get it	
	GP-19	2004-05-06	8 . 12 . 0	get it	

TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R99	<i>current version:</i> 8.3.0	<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> JURISIC, Andrijana		
<i>history (event, available, version, comments):</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>
	smg-32	2000-06-20	8 . 2 . 0	get it	
	NP-21	2003-10-10	8 . 3 . 0	get it	

TS 03.69	Voice Broadcast service (VBS); Stage 2				
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</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> TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
	smg-32	2000-06-20	8 . 2 . 0	get it	
	NP-21	2003-10-13	8 . 3 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.71 Location Services (LCS); Functional description; Stage 2

R99 *current version:* 8.9.0 *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

Upgrade to R99	2000-06-30	8	.	0	.	0	
SP-11	2001-04-11	8	.	1	.	0	get it <i>remarks - general:</i>
SP-12	2001-06-29	8	.	2	.	0	get it <i>remarks - this release:</i> Need identified at TSG#7, since 23.171 does not cover GSM.
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	2004-04-01	8	.	8	.	0	get it
SP-24	2004-06-23	8	.	9	.	0	get it

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-16 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

SP-16	2002-06-24	8	.	0	.	0	technically identical to 23.073 v3.0.1 get it <i>remarks - general:</i> 2001-10-11: S2->N4 to align with ownership of 23.073. <i>remarks - this release:</i> SP-16: 23.073 reverts to GERAN-only.
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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 Peter MOTOROLA A/S
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-31	2000-02-16	8	.	0	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i> #31: 8.0.0
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R99	<i>current version:</i> 8.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	smg-30	1999-11-11	8 . 0 . 0	get it	<i>remarks - general:</i>
	ETSI publication	2001-09-07	8 . 0 . 1	get it	<i>remarks - this release:</i>
	edito	2002-06-17	8 . 0 . 2	get it	
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R99	<i>current version:</i> 8.1.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> SP-06		MCC:	THOMASEN, Gert	
		G: yes U:			
<i>history (event, available, version, comments):</i>					
	smg-30	1999-11-11	8 . 0 . 0	get it	<i>remarks - general:</i>
	smg-30b	1999-12-06	8 . 1 . 0	get it	<i>remarks - this release:</i>
	ETSI publication	2001-09-07	8 . 1 . 1	get it	
	edito	2002-06-17	8 . 1 . 2	get it	
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R99	<i>current version:</i> 8.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	Upgrade to R99	2000-03-30	8 . 0 . 0	get it	<i>remarks - general:</i>
	ETSI publication	2000-09-22	8 . 0 . 1	get it	<i>remarks - this release:</i>
	edito	2002-06-17	8 . 0 . 2	get it	
<hr/>					
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
R99	<i>current version:</i> 8.2.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
<i>history (event, available, version, comments):</i>					
	Upgrade to R99	2000-03-30	8 . 0 . 0	get it	<i>remarks - general:</i>
	ETSI publication	2000-09-29	8 . 0 . 1	get it	<i>remarks - this release:</i>
	GP-03	2001-01-31	8 . 1 . 0	get it	
	edito	2001-01-31	8 . 1 . 1	get it	
	GP-08	2002-02-19	8 . 2 . 0	get it	
	edito	2002-06-17	8 . 2 . 1	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08	Mobile radio interface layer 3 specification				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-29 2000-06-30 8 . 0 . 0	get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen		
			<i>remarks - this release:</i> #29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 R99 (even numbered CRs!)		
			reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!		
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-04 2001-04-24 8 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> Replaces 24.012 R99.		
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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		
<hr/>					
TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions				
R99	<i>current version:</i> 8.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	Upgrade to R99 2000-03-30 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-32 2000-06-20 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	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			
	GP-20 2004-07-23 8 . 6 . 0	get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol

R99 *current version:* 8.24.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	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	
GP-19	2004-05-06	8 . 22 . 0	get it	
GP-20	2004-07-23	8 . 23 . 0	get it	
GP-21	2004-09-04	8 . 24 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-29	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: #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0</i>
NP-09	2000-10-18	8	.	2	.	0	get it
NP-10	2000-12-21	8	.	3	.	0	get it

TS 04.31 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SM-LC) Radio Resource LCS Protocol (RRLP)

R99 *current version:* 8.15.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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
GP-19	2004-05-06	8	.	13	.	0	get it
GP-20	2004-07-23	8	.	14	.	0	get it
GP-21	2004-09-04	8	.	15	.	0	get it

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.35 Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods

R99 *current version:* 8.4.1 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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

TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 access.

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R99 *current version:* 8.25.0 *WG (prime / other):* G2 / - *rporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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	2000-11-27	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	
GP-19	2004-05-06	8 . 23 . 0	get it	
GP-20	2004-07-23	8 . 24 . 0	get it	
GP-21	2004-09-04	8 . 25 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
R99	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC:	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</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 (SNDTCP)				
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC:	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</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	G: yes U:	MCC:	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</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	G: yes U:	MCC:	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R99 04 .- series
Server location: 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 Peter MOTOROLA A/S
freeze_meeting: SP-06

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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

[get it](#)

remarks - general: Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.

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remarks - this release:

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R99

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R99 *current version:* 8.8.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-06

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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:

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remarks - this release:

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 *current version:* 8.11.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes *U:*

MCC: USAI, Paolino

history (event, available, version, comments):

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

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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, comments):

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

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remarks - general:

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remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation

R99 *current version:* 8.4.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-28	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

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TS 05.05 Radio Transmission and Reception

R99 *current version:* 8.16.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

Telefon AB LM Ericsson

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R99 *current version:* 8.21.0

freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	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
GP-20	2004-07-09	8	.	20	.	0
GP-21		8	.	21	.	0

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.09 Link adaptation

R99 *current version:* 8.5.0
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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

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TS 05.10 Radio subsystem synchronization

R99 *current version:* 8.12.0
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-Mobile International AG		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 2000-03-30 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 05.50	Background for RF Requirements					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino	Skov		
	<i>history (event, available, version, comments):</i>					
	smg-30 1999-11-11 8 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-31 2000-02-16 8 . 1 . 0	get it	<i>remarks - this release:</i> #30: 8.0.0 #31:8.1.0 #31b:8.2.0			
	smg-31b 2000-04-17 8 . 2 . 0	get it				
<hr/>						
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 2000-10-17 8 . 0 . 1	get it	<i>remarks - this release:</i>			

R99 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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> .			
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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> .			
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 06.10	Full Rate Speech Transcoding					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial 2000-05-31 8 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-32 2000-06-20 8 . 1 . 0	get it				
	ETSI Publication 2000-11-30 8 . 1 . 1	get it				
	SP-12 2001-06-29 8 . 2 . 0	get it				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-31 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>	.
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	SERENO, Daniele	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, comments):</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>	.
	SP-12 2001-06-29 8 . 1 . 0			get it		
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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>	.
<hr/>						
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publicatoin 2000-11-15 8 . 0 . 1			get it	<i>remarks - this release:</i>	.
<hr/>						
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 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> .	
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 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> .	
<hr/>						
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 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> .	
<hr/>						
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 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> #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		

TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	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, comments):</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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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, comments):</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> .	
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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> .	
<hr/>						
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-07 2 . 0 . 0				<i>remarks - general:</i>	New at SMG#31. Then became 06.77; new 06.76 has new title.
	SP-07 2000-03-17 8 . 0 . 0			get it	<i>remarks - this release:</i>	
	fix invisible figures 2002-01-10 8 . 0 . 1			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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 2000-06-20 8 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-11 2001-04-10 8 . 1 . 0			get it	<i>remarks - this release:</i> #32:8.0.0 TSG#11:8.1.0	
	edito 2001-05-03 8 . 1 . 1			get it		

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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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, comments):</i>					
	smg-32 2000-06-20 8 . 0 . 0			get it	<i>remarks - general:</i>	
	Addition of VAF C- 2003-04-04 8 . 0 . 1			get it	<i>remarks - this release:</i>	
	Code tool					
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>	
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>	
<hr/>						
TR 06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
R99	<i>current version:</i> 8.0.0	<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, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01	General Aspects on the BSS-MSC Interface				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-31 2000-02-16 8 . 0 . 0	get it	<i>remarks - general:</i>		
	draft 2002-06-17 8 . 0 . 1	get it	<i>remarks - this release:</i>	.	

TS 08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 08.06	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>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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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ACTIVE specs R99 08 .- series
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TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R99 *current version:* 8.15.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06

G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	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 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06

G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-31	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 08.16 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 Peter MOTOROLA A/S
freeze_meeting: SP-06

G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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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ACTIVE specs R99 08 .- series
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TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R99	<i>current version:</i> 8.12.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30	1999-11-11	8 . 0 . 0	get it	<i>remarks - general:</i>
	smg-30b	1999-12-06	8 . 1 . 0	get it	<i>remarks - this release:</i>
	smg-31	2000-02-16	8 . 2 . 0	get it	
	smg-31b	2000-04-17	8 . 3 . 0	get it	
	GP-01	2000-10-11	8 . 4 . 0	get it	
	GP-02	2000-11-30	8 . 5 . 0	get it	
	edito	2001-01-23	8 . 5 . 1	get it	
	GP-03	2001-01-31	8 . 6 . 0	get it	
	GP-04	2001-05-04	8 . 7 . 0	get it	
	GP-05	2001-06-18	8 . 8 . 0	get it	
	GP-06	2001-10-05	8 . 9 . 0	get it	
	GP-09	2002-05-06	8 . 10 . 0	get it	
	GP-18	2004-02-23	8 . 11 . 0	get it	
	GP-19	2004-05-06	8 . 12 . 0	get it	

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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>
	NP-09	2000-10-18	8 . 2 . 0	get it	
	NP-10	2000-12-21	8 . 3 . 0	get it	
	NP-11	2001-04-04	8 . 4 . 0	get it	
	ETSI-format publication		8 . 4 . 1		ETSI publication only - 3GPP to use 8.4.0

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification				
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-31 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-31 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-31 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>	.	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.56 BSC-BTS Layer 2; Specification

R99 *current version:* 8.0.1
freeze_meeting: SP-06

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-31 2000-02-16 8 . 0 . 0
edito 2002-06-17 8 . 0 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R99 *current version:* 8.6.0
freeze_meeting: SP-06

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29 1999-06-30 8 . 0 . 0
smg-30 1999-11-11 8 . 1 . 0
smg-30 1999-11-11 8 . 2 . 0
smg-31 2000-02-16 8 . 3 . 0
smg-31b 2000-04-17 8 . 4 . 0
GP-01 2000-10-11 8 . 5 . 0
GP-02 2000-11-30 8 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0 GERAN#2:8.6.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

R99 *current version:* 8.2.1
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-30 1999-11-11 8 . 0 . 1
smg-30b 1999-12-06 8 . 1 . 0
ETSI publication 2001-10-30 8 . 1 . 1
GP-08 2002-02-19 8 . 2 . 0
replace corrupted figure 2.1 2003-01-24 8 . 2 . 1

[get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels								
R99	<i>current version:</i> 8.1.0		<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-06			Skov					
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	smg-31 2000-02-16	8 . 0 . 0		get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
	ETSI Publication 2000-11-15	8 . 0 . 1		get it	<i>remarks - this release:</i> .				
	GP-08 2002-02-19	8 . 1 . 0		get it					

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3								
R99	<i>current version:</i> 8.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.				
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	SP-07 2000-03-17	8 . 0 . 0		get it	<i>remarks - general:</i> SMG11->S4 at SMG#30				
	edito 2000-08-08	8 . 0 . 1		get it	<i>remarks - this release:</i> .				

TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3								
R99	<i>current version:</i> 8.5.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-06			Skov					
			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert					
	<i>history (event, available, version, comments):</i>								
	smg-31 2000-02-16	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-06 2001-09-14	8 . 3 . 0		get it					
	GP-07 2002-01-08	8 . 4 . 0		get it					
	GP-08 2002-03-26	8 . 5 . 0		get it					

R99

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

R99 *current version:* 8.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-07 2000-03-15 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
freeze_meeting: SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
NP-10 2001-01-02 8 . 1 . 0 [get it](#) *remarks - this release:* #31: 8.0.0 TSG#10:8.1.0
NP-19 2003-03-24 8 . 2 . 0 [get it](#)

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 *current version:* 8.7.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Skov THOMASEN, Gert
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
smg-31b 2000-04-17 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-32 2000-06-20 8 . 2 . 0 [get it](#)
GP-01 2000-09-01 8 . 3 . 0 [get it](#)
GP-06 2001-09-14 8 . 4 . 0 [get it](#)
GP-07 2002-01-08 8 . 5 . 0 [get it](#)
GP-10 2002-07-19 8 . 6 . 0 [get it](#)
GP-19 2004-05-06 8 . 7 . 0 [get it](#)
post GP-19 editorial 2004-05-18 8 . 7 . 1 remove rev marks [get it](#)

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1					
R99	current version: 8.0.0	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, comments):					
	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, comments):					
	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):	G3new/ S1 /	rapporteur:	SALMERON, Lidia	TELEPLUS LIMITED
	freeze_meeting: SP-06		NP /			
			T2 /			
			SCP			
		G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version, comments):					
	smg-31 2000-02-16	8 . 0 . 0		get it	remarks - general:	R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
	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 reclosed!
	by Rel-5 equivalent. 2001-11-19: G4->G5.					
	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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R99 *current version:* 8.8.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 G3new

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version, comments):

auto upgrade to 8 . 0 . 0 never actually done
R99 from previous
not derived from R96 by CR; also to withdraw the R96 version, since the R99 version
rel
will cover all previous Releases. TP-20: accepted by T3 (from G4).

remarks - general: TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, and to
approve a new R99 version not derived from R96 by CR; also to withdraw the R96
version, since the R99 version will cover all previous Releases.

TP-14	0 . 0 . 1	TP-010250	
T3-23	1 . 0 . 0	T3-020405	
TP-17	2 . 0 . 0	TP-020221 = new draft, not derived by CR from previous version (8.0.0). This version NOT approved, due to unorthodox history of its creation.	
GP-12	2002-12-20 8 . 1 . 0	Created correctly by a CR to previous version.	get it
GP-13	2003-02-21 8 . 2 . 0		get it
GP-14	2003-04-25 8 . 3 . 0		get it
TP-20	2003-07-01 8 . 4 . 0	late availability due to aesthetics check	get it
TP-21	2003-09-30 8 . 5 . 0		get it
TP-22	2004-01-12 8 . 6 . 0		get it
TP-23	2004-03-25 8 . 7 . 0		get it
TP-24	2004-06-24 8 . 8 . 0		get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

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, comments):

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-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 comments in clause 11	2003-06-23	8 . 9 . 1	get it	
TP-21	2003-09-30	8 . 10 . 0	get it	
TP-22	2004-01-12	8 . 11 . 0	get it	
TP-23	2004-03-25	8 . 12 . 0	get it	

TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R99 *current version:* 8.2.1 *WG (prime / other):* T3 / - *rapporteur:* BEGASSAT, Christophe Axalto S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-17	2002-09-18	8 . 0 . 0	== v7.4.2	get it	<i>remarks - general:</i>
TP-18	2003-01-02	8 . 1 . 0		get it	<i>remarks - this release:</i> 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 with correct file	2003-04-16	8 . 2 . 1		get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	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								
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JURISIC, Andrijana					
<i>history (event, available, version, comments):</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	2004-03-25	8 . 16 . 0	get it					
<hr/>									
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								
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JURISIC, Andrijana					
<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R99 *current version:* 8.9.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-30b	1999-12-06	8 . 0 . 0	get it	<i>remarks - general:</i>
smg-31	2000-02-16	8 . 1 . 0	get it	<i>remarks - this release:</i>
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, comments):

smg-31b	2000-04-17	8 . 0 . 0	get it	<i>remarks - general:</i>
start of OAP	2000-05-24	8 . 0 . 1	get it	<i>remarks - this release:</i>
ETSI publication	2000-10-10	8 . 0 . 2	get it	

based on 5.2.1

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 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

Upgrade to R99	2000-04-19	8 . 0 . 0	get it	<i>remarks - general:</i>
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remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.04	Performance data measurements						
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i>	S5 / S1 / NP	<i>rapporteur:</i>	TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>						
	Upgrade to R99	2000-04-19	8 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-16	2002-06-28	8 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 12.21	Network Management (NM) procedures and messages on the A-bis interface						
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	G1 / S5	<i>rapporteur:</i>	TRUSS, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	GP-09	2002-05-06	8 . 0 . 0	get it	<i>remarks - general:</i>	SP-13: S5->G3 but no change of rapporteur.	
					<i>remarks - this release:</i>	GP-09 (Usai) created to fill the Release gap.	

TS 12.71	Location Services (LCS); Location services management						
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>						
	draft	1999-09-22	0 . 0 . 1	get it	<i>remarks - general:</i>	TSG#11:S5 will no longer maintain.	
	draft	1999-10-18	0 . 0 . 2	get it	<i>remarks - this release:</i>	TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.	
	draft	1999-12-03	0 . 0 . 3	get it			
	draft	1999-12-22	0 . 0 . 4	get it			
	draft	2000-01-17	0 . 0 . 5	get it			
	draft	2000-05-22	2 . 0 . 0	get it			
	draft	2000-05-25	2 . 0 . 1	get it			
	SP-08	2000-06-21	7 . 0 . 0	get it			
	SP-08	2000-06-21	8 . 0 . 0	get it			
	ETSI Publication	2000-11-30	8 . 0 . 1	get it			

R99

21 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 21 .- series
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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, comments):

SP-05	1999-10-13	1 . 0 . 0	get it	<i>remarks - general:</i>	2003-05: Title changed from "3rd Generation mobile system Release 1999
SP-06	1999-12-17	2 . 0 . 0	get it	<i>remarks - this release:</i>	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	2004-04-02	3 . 13 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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TS 21.111	USIM and IC card requirements								
R99	<i>current version:</i> 3.4.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan				T-Mobile International AG
	<i>freeze_meeting:</i> SP-03			<i>G:</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>			<i>U:</i> yes					
	draft 1998-10-16	0	0				get it	<i>remarks - general:</i>	
	Transfer from 1999-03-04	1	1				get it	<i>remarks - this release:</i>	
	smg9 to T3								
	T3 1999-04-21	2	0				get it		
	TP-03 1999-04-23	3	0				get it		
	TP-06 1999-12-17	3	0				get it		
	TP-07 2000-03-15	3	1				get it		
	TP-08 2000-06-23	3	2				get it		
	TP-09 2000-10-18	3	3				get it		
	TP-17 2002-09-18	3	4				get it		

TS 21.133	3G security; Security threats and requirements								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHRISTOFFERSSON, PerTeliaSonera AB				
	<i>freeze_meeting:</i> SP-03			<i>G:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>			<i>U:</i> yes					
	draft 1998-08-20	0	0				get it	<i>remarks - general:</i>	
	draft 1998-10-20	1	0				get it	<i>remarks - this release:</i>	
	WG approval 1998-12-20	2	0				get it		
	SP-03 1999-04-23	3	0				get it		
	SP-06 1999-12-17	3	1				get it		
	SP-14 2002-01-07	3	2				get it		

TR 21.801	Specification drafting rules								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M				ETSI Secretariat
	<i>freeze_meeting:</i> SP-23			<i>G:</i> yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>			<i>U:</i> yes					
	SP-23 2004-04-02	3	0				get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 21 .- series
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TR 21.810 Report on multi-mode UE issues; ongoing work and identified additional work

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-08

G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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, comments):

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-08 2000-06-28 3 . 3 . 0
SP-09 2000-10-04 3 . 4 . 0
SP-10 2001-01-04 3 . 5 . 0
SP-11 2001-04-11 3 . 6 . 0
SP-22 2004-01-14 3 . 7 . 0

[get it](#) *remarks - general:*
remarks - this release: SP-22: Fron now on, is null document pointing to equivalent in latest Release.

TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-07

G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03 1999-04-23 0 . 0 . 0
TP-04 1999-06-18 0 . 0 . 3
TP-05 1999-10-08 1 . 0 . 2
TP-06 1999-12-17 1 . 1 . 0
TP-07 2 . 0 . 0 TP-000026
TP-07 2000-03-15 3 . 0 . 0
Editorial 2000-03-30 3 . 0 . 1
TP-08 2000-06-23 3 . 1 . 0
TP-09 2000-10-16 3 . 2 . 0
TP-10 2001-01-05 3 . 3 . 0
TP-13 2001-10-03 3 . 4 . 0
TP-17 2002-09-16 3 . 5 . 0

[get it](#) *remarks - general:*
remarks - this release:
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 21 .- series
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TR 21.905 Vocabulary for 3GPP Specifications

R99 *current version:* 3.3.0 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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

[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

remarks - general: 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least,
remarks - this release: so include it in that set.

TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-08 *G:* U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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

[get it](#)
[get it](#)
[get it](#)

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.
remarks - this release: TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)

TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* SMITH, David mm02 plc
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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

[get it](#)
[get it](#)
[get it](#)

remarks - general: NP-24: txferred to N4 on closure of N2.
remarks - this release:

R99

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Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)					
R99	<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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	

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TS 22.011	Service accessibility						
R99	current version: 3.8.0		WG (prime / other): S1 / -	rapporteur: IBIDUN, Kunle		ORANGE SA	
	freeze_meeting: SP-05		G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):						
	txferd to 3GPP	2000-06-01	3 . 0 . 0	get it	remarks - general: Transfer>TSG#4		
	SP-05	1999-10-30	3 . 0 . 1	get it	remarks - this release:		
	SP-06	1999-12-17	3 . 1 . 1	get it			
	SP-07	2000-03-17	3 . 2 . 0	get it			
	SP-09	2000-10-18	3 . 3 . 0	get it			
	SP-11	2001-04-02	3 . 4 . 0	get it			
	SP-12	2001-06-27	3 . 5 . 0	get it			
	SP-14	2002-01-10	3 . 6 . 0	get it			
	SP-15	2002-03-25	3 . 7 . 0	get it			
	SP-17	2002-09-17	3 . 8 . 0	get it			

TS 22.016	International Mobile Equipment Identities (IMEI)						
R99	current version: 3.3.0		WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi		NOKIA Corporation	
	freeze_meeting: SP-05		G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):						
	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:		
	SP-08	2000-06-28	3 . 2 . 0	get it			
	SP-16	2002-07-04	3 . 3 . 0	get it			

TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification						
R99	current version: 3.2.1		WG (prime / other): S3 / -	rapporteur: NGUYEN NGOC, Sebastien		France Telecom	
	freeze_meeting: SP-05		G: yes U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):						
	SP-05	1999-10-13	3 . 0 . 1	get it	remarks - general: Transfer>TSG#4		
	SP-08	2000-06-28	3 . 1 . 0	get it	remarks - this release:		difficulty in implementing CR
	SP-16	2002-06-19	3 . 2 . 0	get it			
	edito post SP-16	2002-06-24	3 . 2 . 1	get it			corrects change history

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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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	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</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	<i>G: yes U: yes</i>		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-18 2003-01-06 3 . 0 . 0	Technically identical to 02.31 v8.0.1.		get it	<i>remarks - general:</i>	SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 ->			
					<i>remarks - this release:</i>	Created from 02.31 R99. 22.031.			
<hr/>									
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
R99	<i>current version:</i> 3.0.0	<i>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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</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.			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.057	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, comments):</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, comments):</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, comments):</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, comments):</i>						
	SP-05 1999-10-13 3 . 0 . 1	get it		<i>remarks - general:</i>	Transfer>TSG#4		
				<i>remarks - this release:</i>	.		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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, comments):</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 2004-03-23 3 . 5 . 0		get it				
<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, comments):</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 22.078	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, comments):</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	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-05 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 22.081	Line Identification supplementary services; Stage 1					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BLOMSTRAND, Ola	TeliaSonera AB
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-05 1999-10-13 3 . 0 . 1			get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-08 2000-06-28 3 . 2 . 0			get it	<i>remarks - this release:</i> .	
<hr/>						
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	IBIDUN, Kunle	ORANGE SA
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	SP-05 1999-10-13 3 . 0 . 1			get it	<i>remarks - general:</i> Transfer>TSG#4	
	post SP-23 edito 2004-03-23 3 . 0 . 2			get it	<i>remarks - this release:</i> .	
<hr/>						
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</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 22.084	MultiParty (MPTY) supplementary service; 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, comments):</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 22.085	Closed User Group (CUG) supplementary services; Stage 1								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BLOMSTRAND, Ola	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</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>	.			
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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</i>								
	SP-05 1999-10-13 3 . 1 . 0			get it	<i>remarks - general:</i>	Transfer>TSG#4			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 22.087	User-to-user signalling (UUS); Stage 1								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	ACHTER, Johannes	T-Mobile International AG			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-05 1999-10-13 3 . 0 . 1			get it	<i>remarks - general:</i>	Transfer>TSG#4			
	3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.			get it	<i>remarks - this release:</i>	.			
	incorporation of 2000-02-01 3 . 1 . 0								
	lost CR from SP-05								
<hr/>									
TS 22.088	Call Barring (CB) supplementary services; Stage 1								
R99	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	ACHTER, Johannes	T-Mobile International AG			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-05 1999-10-13 3 . 0 . 1			get it	<i>remarks - general:</i>	Transfer>TSG#4			
	edito 2000-11-27 3 . 0 . 2			get it	<i>remarks - this release:</i>	.			
<hr/>									
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
R99	<i>current version:</i> 3.1.0	<i>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, comments):</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>	.			

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TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1						
R99	<i>current version:</i> 3.1.0	<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, comments):</i>						
	SP-05 1999-10-13 3 . 0 . 1			get it	<i>remarks - general:</i>	Transfer>TSG#4	
	SP-09 2000-10-18 3 . 1 . 0			get it	<i>remarks - this release:</i>		
<hr/>							
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-05 1999-10-13 3 . 0 . 1			get it	<i>remarks - general:</i>	Transfer>TSG#4	
					<i>remarks - this release:</i>	.	
<hr/>							
TS 22.094	Follow Me service description - Stage 1						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	HECHWARTNER, Roland T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	SP-06 1999-12-17 3 . 1 . 0			get it	<i>remarks - general:</i>	Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap	
R99	in favour of a common GSM/UMTS spec, 22.094.				<i>remarks - this release:</i>	Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. 02,94	
						August 2001: still debating whether this is GSM-only or common.	
<hr/>							
TS 22.096	Name identification supplementary services; Stage 1						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</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 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</i>						
	SP-05 1999-10-13 3 . 1 . 0			get it	<i>remarks - general:</i>	Transfer>TSG#4	
	SP-09 2000-10-18 3 . 2 . 0			get it	<i>remarks - this release:</i>		
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TS 22.100 UMTS Phase 1

R99 *current version:* 3.7.0

freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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

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TS 22.101 Service aspects; Service principles

R99 *current version:* 3.17.0

freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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	2004-03-23	3	.	17	.	0

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TS 22.105 Services and service capabilities

R99 *current version:* 3.10.0

freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
G: U: yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

First complete draft	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

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TS 22.115 Service Aspects Charging and billing

R99 *current version:* 3.4.0

freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.
G: yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

First complete draft	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

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TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99 *current version:* 3.3.1 *WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):
OSP parts 1999-03-04 0 . 0 . 0 [get it](#) *remarks - general:* Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1".
extracted from 22,121 v3,2,0 *remarks - this release:* SP-16: converted from TS to TR.
draft 1999-04-04 0 . 1 . 0 [get it](#)
SP-04 1999-06-23 3 . 0 . 0 [get it](#)
SP-05 1999-10-13 3 . 1 . 0 [get it](#)
SP-07 2000-03-15 3 . 2 . 0 [get it](#)
SP-08 2000-06-28 3 . 3 . 0 [get it](#)
SP-16 2002-07-19 3 . 3 . 1 Converted from TS to TR. [get it](#)

TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

R99 *current version:* 3.6.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE SA
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):
Start of work 1999-03-04 0 . 0 . 0 [get it](#) *remarks - general:*
Table of Contents 1999-03-04 0 . 1 . 0 [get it](#) *remarks - this release:*
and Scope
First complete draft 1999-04-22 1 . 0 . 0 [get it](#)
SP-03 1999-01-23 1 . 2 . 0 [get it](#)
SP-03 1999-04-23 3 . 0 . 0 [get it](#)
SP-05 1999-10-13 3 . 1 . 0 [get it](#)
SP-06 1999-12-17 3 . 2 . 0 [get it](#)
SP-08 2000-06-28 3 . 3 . 0 [get it](#)
SP-09 2000-10-18 3 . 4 . 0 [get it](#)
SP-10 2001-01-08 3 . 5 . 0 [get it](#)
SP-14 2002-01-10 3 . 6 . 0 [get it](#)

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TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 *G:* U: yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

Start of work	1999-03-04	0	0	0	get it <i>remarks - general:</i>
Table of Contents and Scope	1999-03-04	0	1	0	get it <i>remarks - this release:</i>
SP-03	1999-04-23	1	0	0	get it
SP-05	1999-10-13	3	0	0	get it
SP-06	1999-12-17	3	1	0	get it
SP-07	2000-03-15	3	2	0	get it
SP-08	2000-06-28	3	3	0	get it
SP-09	2000-10-18	3	4	0	get it

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* MEYER, Juergen SIEMENS AG
freeze_meeting: SP-06 *G:* U: yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-03	1999-04-23	0	0	0	get it <i>remarks - general:</i> (development in T2)
SP-05	1999-10-08	1	0	0	get it <i>remarks - this release:</i>
SP-06	1999-12-17	2	0	0	get it
SP-08	2000-06-28	3	1	0	get it

TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / NP *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-28	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 access.

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1 *WG (prime / other):* S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.
freeze_meeting: SP-03 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

Table of Contents and Scope	1997-10-19	0	0	1	get it <i>remarks - general:</i>
First complete draft	1997-12-19	1	1	1	get it <i>remarks - this release:</i> .
WG approval	1998-02-15	2	0	0	get it
smg-25	1998-03-20	3	0	0	get it
SP-03	1999-04-23	3	1	1	get it

TR 22.975 Advanced addressing

R99 *current version:* 3.1.0 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
freeze_meeting: SP-03 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

Table of Contents and Scope	1997-10-17	0	1	0	get it <i>remarks - general:</i>
First complete draft	1997-12-19	1	0	0	get it <i>remarks - this release:</i> .
WG approval	1998-02-15	2	0	0	get it
smg-25	1998-03-20	3	0	0	get it
SP-03	1999-04-23	3	0	1	get it
SP-05	1999-10-13	3	1	0	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 *WG (prime / other):* S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-05	1999-10-13	3	1	0	get it <i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
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-10	2000-12-21	3	4	0	get it
SP-14	2002-01-07	3	5	0	get it
SP-17	2002-09-24	3	6	0	get it

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.003 Numbering, addressing and identification

R99 *current version:* 3.14.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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

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TS 23.007 Restoration procedures

R99 *current version:* 3.6.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.008 Organisation of subscriber data

R99 *current version:* 3.8.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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

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TS 23.009 Handover procedures

R99 *current version:* 3.14.0

freeze_meeting: SP-03

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 beautified)	2000-05-16	3	.	2	.	1
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

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.011	Technical realization of Supplementary Services					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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			
<hr/>						
TS 23.012	Location management procedures					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-06 1999-12-15 3 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-07 2000-03-15 3 . 2 . 0		get it			
	CR 23.012-003r3 2000-06-05 3 . 2 . 1		get it			
	removed (error)					
	NP-08 2000-06-23 3 . 3 . 0		get it			
<hr/>						
TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0		get it	<i>remarks - general:</i> Should not be in UMTS ????		
	NP-06 1999-12-17 3 . 1 . 0		get it	<i>remarks - this release:</i> .		
	NP-17 2002-09-17 3 . 2 . 0		get it			
<hr/>						
TS 23.015	Technical realization of Operator Determined Barring (ODB)					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	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> .		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.016 Subscriber data management; Stage 2

R99 *current version:* 3.10.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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	2004-03-23	3	.	10	.	0

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TS 23.018 Basic Call Handling; Technical realization

R99 *current version:* 3.12.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers KYMALAINEN, Kimmo

history (event, available, version, comments):

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

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.031	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>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	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 & Rel-5 ->	
				<i>remarks - this release:</i>	Created from 03.31 R99. 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:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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 to 2003-01-10 3 . 2 . 1		get it			
	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> CARRIÓN, Inmaculada	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):</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,			
	TP-05 1999-10-08	3 . 2 . 0		get it		evidently not.			
	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, comments):</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, comments):</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 access.

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ACTIVE specs R99 23 .- series
Server location: 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 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-23	0	0	0	get it <i>remarks - general:</i> Transfer>TSG#4
TP-05	1999-10-08	3	0	0	get it <i>remarks - this release:</i>
TP-06	1999-12-17	3	1	0	get it
TP-07 completion target	2000-03-15	3	2	0	get it
TP-09	2000-10-11	3	3	0	get it
TP-12	2001-07-04	3	4	0	get it
TP-16	2002-06-25	3	5	0	get it

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0 *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, comments):

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> 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.
TP-06	1999-12-17	3	1	0	get it test vectors provided 23/01/200

TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTP Communications plc
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-28	1	0	0	get it <i>remarks - general:</i> Apr-2001: " Station Application" removed from title.
TP-04 (MExE R98 GSM 03.57)	1999-06-18	1	1	0	get it <i>remarks - this release:</i>
TP-05	1999-10-08	1	5	0	get it
TP-06 completed	1999-12-17	3	0	0	get it
TP-07	2000-03-15	3	1	0	get it
Editorial	2000-03-15	3	1	1	get it
TP-08	2000-06-23	3	2	0	get it
TP-09	2000-10-16	3	3	0	get it
TP-11	2003-10-14	3	4	0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

R99 *current version:* 3.16.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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-09	2000-10-26	3	3	0	get it

TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 *current version:* 3.19.0 *WG (prime / other):* N4 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	1999-04-23	3	0	0	get it <i>remarks - general:</i> NP-24: txferred to N4 on closure of N2.
NP-04	1999-06-23	3	1	0	get it <i>remarks - this release:</i> Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.
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	2000-10-09	3	6	0	get it
NP-10	2001-01-04	3	7	0	get it
NP-11	2001-04-02	3	8	0	get it
NP-12	2001-06-29	3	9	0	get it
NP-13	2001-10-03	3	10	0	get it
NP-14	2002-01-04	3	11	0	get it
NP-15	2002-03-19	3	12	0	get it
NP-16	2002-06-17	3	13	0	get it
NP-17	2002-09-17	3	14	0	get it
NP-18	2002-12-18	3	15	0	get it
NP-19	2003-03-25	3	16	0	get it
NP-20	2003-06-23	3	17	0	get it
NP-21	2003-09-29	3	18	0	get it
NP-23	2004-03-25	3	19	0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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TS 23.079 Support of Optimal Routing (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, comments):

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, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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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, comments):
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, comments):
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, comments):
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, comments):
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 access; U = required in systems with UMTS access.

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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, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0				get it	<i>remarks - general:</i>
	edito 2000-06-06 3 . 0 . 1					<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, comments):</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, comments):</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, comments):</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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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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, comments):</i>						
	NP-03 1999-04-23 3 . 0 . 0				get it	<i>remarks - general:</i>	
	NP-06 1999-12-17 3 . 1 . 0					<i>remarks - this release:</i>	
	NP-09 2000-10-26 3 . 2 . 0				get it		

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, comments):</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		

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, comments):</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>	.

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, comments):</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 access.

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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, comments):</i>						
	First complete draft	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> RINNE, Janne		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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 U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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 access.

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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, comments):

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, comments):

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](#)

TS 23.119 Gateway Location Register (GLR); Stage2

R99 *current version:* 3.0.0

freeze_meeting: SP-07

WG (prime / other): N4 / - *rapporteur:* SAWADA, Masahiro

NTT DoCoMo Inc.

G: yes *U:* yes

MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

draft	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](#)

[get it](#)

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[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.121 Architectural requirements for Release 1999

R99 *current version:* 3.6.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

First complete draft	1999-04-23	0	0	0	get it <i>remarks - general:</i>
SP-03	1999-04-23	1	0	0	get it <i>remarks - this release:</i>
draft	1999-06-01	1	0	1	get it
draft	1999-06-20	2	0	0	get it
SP-04	1999-06-23	3	0	0	get it
SP-05	1999-10-13	3	1	0	get it
SP-06	1999-12-17	3	2	0	get it
SP-07	2000-03-15	3	3	0	get it
SP-09	2000-10-19	3	4	0	get it
SP-10	2000-12-20	3	5	0	get it
edito	2001-02-01	3	5	1	get it
SP-16	2002-06-18	3	6	0	get it

TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 *current version:* 3.10.0 *WG (prime / other):* N1 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-03	1999-04-23	3	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 R98
NP-04	1999-06-23	3	1	0	get it <i>remarks - this release:</i> Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in
features.					
editorial correction	2000-02-10	3	1	1	get it June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo erroneously incorporated CR.
NP-07	2000-03-15	3	2	0	get it
NP-08	2000-06-23	3	3	0	get it
NP-09	2000-10-06	3	4	0	get it
edito	2000-10-24	3	4	1	get it
edito	2000-11-02	3	4	2	get it
NP-10	2001-01-02	3	5	0	get it
NP-11	2001-04-11	3	6	0	get it
NP-12	2001-07-05	3	7	0	get it
NP-17	2002-09-17	3	8	0	get it
NP-18	2002-12-18	3	9	0	get it
NP-21	2003-10-10	3	10	0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA)

R99 *current version:* 3.4.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA
freeze_meeting: SP-07 *G:* U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-05	1999-10-13	0	3	0	get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred <i>remarks - this release:</i> from S2 to N5 at N/SP-25.
SP-07		2	0	0		
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, comments):

NP-07	2000-03-15	1	1	0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
NP-07	2000-03-15	3	0	0	get it	
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, comments):

TP-03	1999-04-23	0	0	0	get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3. <i>remarks - this release:</i>
TP-05	1999-10-08	0	1	0	get it	
TP-06	1999-12-17	1	0	0	get it	
TP-07	2000-03-15	2	0	0	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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)						
R99	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> WONG, Gavin	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	SP-05 1999-10-13 1 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-06 1999-12-17 1 . 1 . 0	get it	<i>remarks - this release:</i>				
	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 2004-04-01 3 . 11 . 0	get it					

TR 23.814	Separating RR and MM specific parts of the MS Classmark						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> YOKOTA, Fumihiko	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	NP-05 1999-10-08 0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5				
	NP-06 1999-12-17 3 . 0 . 0	get it	<i>remarks - this release:</i> 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	<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-04	<i>G:</i> yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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 2000-05-02 3 . 0 . 1	get it					

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments):</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, comments):</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, comments):</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 access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.912	Technical report on Super-Charger					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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		
<hr/>						
TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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		
<hr/>						
TR 23.930	Iu Principles					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND		
	<i>freeze_meeting:</i> SP-04	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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 draft	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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.972 Circuit switched multimedia telephony

R99
current version: 3.0.0
freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Rouzbeh Ericsson Incorporated

G: U: yes MCC: JURISIC, Andrijana

history (event, available, version, comments):

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](#)

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 Peter MOTOROLA A/S
Skov

G: yes U: yes MCC: JURISIC, Andrijana

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 *current version:* 3.10.0

freeze_meeting: SP-05

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

G: yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

transfer from SMG 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

NP-24 2004-06-15 3 . 10 . 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 access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

R99 *current version:* 3.19.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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	2004-03-22	3	18	0	get it
NP-24	2004-06-15	3	19	0	get it

TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* Skov KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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 access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) support on Mobile Radio Interface								
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> SP-05			Skov					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana					
	<i>history (event, available, version, comments):</i>								
	NP-05 1999-10-13	3 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4				
	NP-06 1999-12-17	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 2000-10-06	3 . 4 . 0	get it						
	NP-10 2001-01-02	3 . 5 . 0	get it						
	NP-11 2001-04-06	3 . 6 . 0	get it						

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
	NP-03 1999-04-23	3 . 0 . 0	get it	<i>remarks - general:</i>	CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link				
	NP-05 1999-10-13	3 . 1 . 0	get it	<i>remarks - this release:</i>	Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the				
					Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".				
	NP-06 2000-01-11	3 . 2 . 0	get it						
	NP-08 2000-06-23	3 . 3 . 0	get it						
	edito 2000-08-17	3 . 3 . 1	get it						
	NP-09 2000-10-12	3 . 4 . 0	get it						
	NP-20 2003-06-23	3 . 5 . 0	get it						

TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> SP-08	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-07 2000-03-17	3 . 0 . 0	get it	<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.				
	NP-08 2000-06-23	3 . 1 . 0	get it	<i>remarks - this release:</i>	TSG#7:Decision to create.				
	NP-12 2001-06-27	3 . 2 . 0	get it						
	NP-14 2002-01-10	3 . 3 . 0	get it						

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-10 2000-12-21 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-12 2001-06-27 3 . 2 . 0	get it				
<hr/>						
TS 24.072	Call Deflection Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> 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, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
R99	<i>current version:</i> 3.7.1	<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, comments):</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-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				
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> 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, comments):</i>					
	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>			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.082	Call Forwarding supplementary service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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, comments):</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 (MPY) 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, comments):</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, comments):</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, comments):</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 access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.087	User-to-User Signalling (UUS); Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-03 1999-04-23 3 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.096 Name Identification Supplementary Service; Stage 3

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

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remarks - this release: .

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version, comments):
NP-07 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

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25 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: 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

WG (prime / other): R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

Table of Contents and Scope	1999-02-04	0	.	0	.	0
First complete draft	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

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remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104 Base Station (BS) radio transmission and reception (FDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-05

history (event, available, version, comments):

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

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.105 Base Station (BS) radio transmission and reception (TDD)

R99 *current version:* 3.13.0

freeze_meeting: SP-05

WG (prime / other): R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

First complete draft	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

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 *current version:* 3.5.0

freeze_meeting: SP-06

WG (prime / other): R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-03	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

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.123 Requirements for support of radio resource management (TDD)

R99 *current version:* 3.14.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-06	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

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.133 Requirements for support of radio resource management (FDD)

R99 *current version:* 3.18.0

freeze_meeting: SP-06

WG (prime / other): R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.

G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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	2004-04-01	3	.	17	.	0
RP-24	2004-06-24	3	.	18	.	0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
 Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base Station (BS) conformance testing (FDD)

R99 *current version:* 3.13.0
freeze_meeting: SP-06

WG (prime / other): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

Table of Contents	1999-02-04	0	.	0	.	1	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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First complete draft	1999-04-23	0	.	1	.	0	get it	
RP-03	1999-04-23	0	.	1	.	0	get it	
RP-04	1999-06-23	1	.	0	.	0	get it	
RP-05	1999-10-13	2	.	0	.	2	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	2000-10-11	3	.	3	.	0	get it	
RP-10	2000-12-22	3	.	4	.	0	get it	
edito	2001-01-09	3	.	4	.	1	get it	
RP-11	2001-04-05	3	.	5	.	0	get it	
RP-12	2001-06-29	3	.	6	.	0	get it	
RP-13	2001-10-03	3	.	7	.	0	get it	
RP-14	2002-01-16	3	.	8	.	0	get it	
RP-15	2002-03-29	3	.	9	.	0	get it	
RP-16	2002-07-04	3	.	10	.	0	get it	
RP-17	2002-10-04	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	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base Station (BS) conformance testing (TDD)

R99 *current version:* 3.13.0

freeze_meeting: SP-06

history (event, available, version, comments):

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:*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.201 Physical layer - general description

R99 *current version:* 3.4.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson

G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

Table of Contents and Scope	1998-10-16	0	.	0	.	0
First complete draft	1999-02-15	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-07	2000-03-15	3	.	0	.	2
RP-08	2000-06-23	3	.	1	.	0
RP-14	2002-01-09	3	.	2	.	0
RP-15	2002-03-29	3	.	3	.	0
RP-16	2002-06-28	3	.	4	.	0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99	<i>current version:</i> 3.12.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	PARKVALL, Stefan	Ericsson AB
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version, comments):</i>						
Table of Contents and Scope	1999-02-04	0	. 0	. 0	get it	<i>remarks - general:</i>
First complete draft	1999-03-04	1	. 0	. 0	get it	<i>remarks - this release:</i>
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	get it	
RP-07	2000-03-15	3	. 2	. 0	get it	
RP-08	2000-06-23	3	. 3	. 0	get it	
RP-09	2000-10-18	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	get it	
RP-14	2002-01-09	3	. 9	. 0	get it	
RP-15	2002-03-29	3	. 10	. 0	get it	
RP-16	2002-06-28	3	. 11	. 0	get it	
RP-17	2002-09-27	3	. 12	. 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.212 Multiplexing and channel coding (FDD)

R99 *current version:* 3.11.0

freeze_meeting: SP-05

history (event, available, version, comments):

Table of Contents 1999-02-04 0 . 0 . 0

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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 / -

G: U: yes

rapporteur: MICHEL, Jürgen

MCC: SASAKI, Tsukasa

SIEMENS AG

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.213 Spreading and modulation (FDD)

R99 *current version:* 3.9.0

freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

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TS 25.214 Physical layer procedures (FDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

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

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.215 Physical layer; Measurements (FDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-05

WG (prime / other): R1 / -

rapporteur: SUZUKI, Hidetoshi

Panasonic Mobile Communications Co.,Ltd.

G: U: yes

MCC: SASAKI, Tsukasa

history (event, available, version, comments):

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

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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

WG (prime / other): R1 / -

rapporteur: CHAPMAN, Thomas

SIEMENS AG

G: U: yes

MCC: SASAKI, Tsukasa

history (event, available, version, comments):

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

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.222 Multiplexing and channel coding (TDD)

R99 *current version:* 3.10.0

freeze_meeting: SP-05

history (event, available, version, comments):

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 / -

G: U: yes

rapporteur: BEALE, Martin

MCC: SASAKI, Tsukasa

IPWireless Inc.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* ANDERSON, Nicholas IPWireless Inc.
G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

Creation of WI by	1999-01-15	0	.	0	.	0
WG/TB						
First complete 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-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

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.13.0

freeze_meeting: SP-05

history (event, available, version, comments):

Table of Contents 1999-02-04 0 . 0 . 0

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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 CORPORATION

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.225	Physical layer; Measurements (TDD)						
R99	<i>current version:</i> 3.12.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	CZAPLA, Liliana	INTERDIGITAL COMMUNICATIONS CORPORATION	
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-05 1999-10-13			get it		<i>remarks - general:</i>	
	RP-06 1999-12-12			get it		<i>remarks - this release:</i>	
	RP-07 2000-03-15			get it			
	RP-08 2000-06-23			get it			
	RP-09 2000-10-18			get it			
	RP-10 2000-12-22			get it			
	RP-11 2001-04-05			get it			
	RP-12 2001-06-28			get it			
	RP-13 2001-10-08			get it			
	RP-14 2002-01-09			get it			
	RP-16 2002-06-28			get it			
	RP-17 2002-09-27			get it			
	RP-20 2003-06-27			get it			

TS 25.301	Radio Interface Protocol Architecture						
R99	<i>current version:</i> 3.11.0	WG (prime / other):	R2 / -	<i>rapporteur:</i>	GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH	
	<i>freeze_meeting:</i> SP-03	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>						
	Table of Contents and Scope 1999-02-04			get it		<i>remarks - general:</i>	
	First complete draft 1999-03-04			get it		<i>remarks - this release:</i>	
	WG approval 1999-04-16			get it			
	RP-03 1999-04-23			get it			
	RP-04 1999-06-23			get it			
	RP-05 1999-10-13			get it			
	RP-06 1999-12-17			get it			
	RP-07 2000-03-15			get it			
	RP-08 2000-06-30			get it			
	RP-09 2000-10-16			get it			
	RP-11 2001-03-27			get it			
	RP-12 2001-06-19			get it			
	RP-14 2002-01-04			get it			
	RP-16 2002-06-17			get it			
	RP-17 2002-09-18			get it			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.302 Services provided by the physical layer

R99 *current version:* 3.16.0

freeze_meeting: SP-05

WG (prime / other): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

G: U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

Table of Contents and Scope	1999-02-04	0	.	0	.	0
First complete draft	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

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V3.0.0 approved via e-mail July 99 CR at TSG#5?

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.303 Interlayer procedures in Connected Mode

R99 *current version:* 3.12.0

freeze_meeting: SP-04

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center

G: U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

Table of Contents and Scope	1999-02-04	0	.	0	.	0
First complete draft	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

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.304 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:* BARRETO, Luis NOKIA Corporation
freeze_meeting: SP-05 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

Start of work	1999-01-15	0	.	1	.	1		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	1	.	2	.	0		get it
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	2000-10-16	3	.	4	.	0		get it
RP-10	2000-12-22	3	.	5	.	0		get it
RP-11	2001-03-27	3	.	6	.	0		get it
RP-12	2001-06-27	3	.	7	.	0		get it
RP-13	2001-10-02	3	.	8	.	0		get it
RP-14	2002-01-04	3	.	9	.	0		get it
RP-15	2002-03-19	3	.	10	.	0		get it
RP-16	2002-06-17	3	.	11	.	0		get it
RP-18	2003-01-08	3	.	12	.	0		get it
RP-20	2003-06-25	3	.	13	.	0		get it
RP-23	2004-03-24	3	.	14	.	0		get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.305 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, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.307 Requirements on UEs supporting a release-independent frequency band

R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-13	G: U: yes	<i>MCC:</i> ARZELIER, Claude	
<i>history (event, available, version, comments):</i>				
	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 requirements, R4
	RP-13 2001-10-01	2 . 1 . 0	RP-010557, but not for approval? - debate!	get it <i>remarks - this release:</i> Expect continual updates each time a new band is
allowed.= RF & RMM requirements.				
	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 2004-03-24	3 . 3 . 0		get it

TS 25.321 Medium Access Control (MAC) protocol specification

R99	<i>current version:</i> 3.17.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> STADLER, Thomas	SIEMENS AG
	<i>freeze_meeting:</i> TP-04	G: U: yes	<i>MCC:</i> ARZELIER, Claude	
<i>history (event, available, version, comments):</i>				
	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
	RP-24	2004-06-17	3 . 17 . 0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

R99 *current version:* 3.18.0

freeze_meeting: SP-05

history (event, available, version, comments):

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

RP-24 2004-06-17 3 . 18 . 0

WG (prime / other): R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION

G: U: yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 *current version:* 3.10.0

freeze_meeting: SP-06

history (event, available, version, comments):

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 / - *rapporteur:* HANS, Martin
G: *U:* yes *MCC:* ARZELIER, Claude

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[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.8.0

freeze_meeting: SP-06

history (event, available, version, comments):

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
RP-24	2004-06-17	3	. 8	. 0

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike
G: *U:* yes *MCC:* ARZELIER, Claude

Vodafone D2 GmbH

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[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.331 Radio Resource Control (RRC) protocol specification

R99 *current version:* 3.19.0

freeze_meeting: SP-05

WG (prime / other): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

Table of Contents 1999-02-04 0 . 0 . 0
and Scope

[get it](#) *remarks - general:*
remarks - this release:

First complete draft 1999-03-04 1 . 0 . 0

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RP-04 1999-06-23 1 . 1 . 0

[get it](#)

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 2000-10-06 3 . 4 . 0

[get it](#)

removal of CR 520 2000-10-06 3 . 4 . 1

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RP-10 2000-12-21 3 . 5 . 0

[get it](#)

RP-11 2001-03-27 3 . 6 . 0

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RP-12 2001-06-27 3 . 7 . 0

[get it](#)

RP-13 2001-10-01 3 . 8 . 0

[get it](#)

RP-14 2002-01-04 3 . 9 . 0

[get it](#)

RP-15 2002-03-25 3 . 10 . 0

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RP-16 2002-06-17 3 . 11 . 0

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RP-17 2002-09-18 3 . 12 . 0

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RP-18 2003-01-09 3 . 13 . 0

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RP-19 2003-03-25 3 . 14 . 0

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RP-20 2003-06-20 3 . 15 . 0

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RP-21 2003-10-02 3 . 16 . 0

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RP-22 2004-01-12 3 . 17 . 0

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RP-23 2004-03-24 3 . 18 . 0

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RP-24 2004-06-22 3 . 19 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.401 UTRAN overall description

R99 *current version:* 3.10.0

freeze_meeting: SP-05

WG (prime / other): R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

Table of Contents and Scope	1999-02-04	0	0	0
First complete draft	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

[get it](#) *remarks - general:* Approval at TSG#5
remarks - this release:

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TS 25.402 Synchronisation in UTRAN Stage 2

R99 *current version:* 3.10.0

freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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

[get it](#) *remarks - general:* New
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 *current version:* 3.8.0

freeze_meeting: SP-05

WG (prime / other): R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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

[get it](#) *remarks - general:* Approval at TSG#5
[get it](#) *remarks - this release:*
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TS 25.411 UTRAN Iu interface layer 1

R99 *current version:* 3.5.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-03	1999-04-23	0	0	0
TB adoption of WI	1999-01-15	0	0	0
Creation of WI by WG/TB	1999-01-15	0	0	0
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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.412 UTRAN lu interface signalling transport

R99 *current version:* 3.6.0

freeze_meeting: SP-04

history (event, available, version, comments):

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

WG (prime / other): R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: 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, comments):

draft	1999-02-04	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	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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.414 UTRAN lu interface data transport & transport signalling

R99 *current version:* 3.13.0

freeze_meeting: SP-04

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.415 UTRAN lu interface user plane protocols

R99 *current version:* 3.12.0

freeze_meeting: SP-05

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

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, comments):

RP-06	1999-12-17	0 . 0 . 0	get it	<i>remarks - general:</i>
RP-07		2 . 0 . 0		<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, comments):

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 access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version, comments):
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, comments):
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:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.423 UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling

R99 *current version:* 3.14.2 *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, comments):

draft	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	1	.	1	.	1		get it	
RP-05	1999-10-13	1	.	4	.	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	2000-10-05	3	.	3	.	0		get it	
RP-10	2001-01-02	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	2002-01-11	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	
RP-18	2003-01-03	3	.	12	.	0		get it	
RP-19	2003-03-26	3	.	13	.	0		get it	
RP-21	2003-09-30	3	.	14	.	0		get it	
RP-24	2004-06-18	3	.	14	.	1	ASN.1 editorials	get it	
post RP-24 edito	2004-07-22	3	.	14	.	2	Correction of typo in history box.	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.424 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, comments):

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, comments):

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 access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.426	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, comments):									
WG approval	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-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	2002-04-04	3	.	8	.	0		get it	
RP-16	2002-06-28	3	.	9	.	0		get it	

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, comments):									
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	2000-10-05	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-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-18	2003-01-03	3	.	10	.	0		get it	
RP-22	2004-01-13	3	.	11	.	0		get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.430 UTRAN lub Interface: General Aspects and Principles

R99 *current version:* 3.8.0

freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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

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TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-03	1999-04-23	0	.	0	.	0
Creation of WI by WG/TB	1999-01-15	0	.	0	.	0
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:*
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TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN Iub interface NBAP signalling

R99 *current version:* 3.14.1

freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* SEHEDIC, Yann Nortel Networks Germany GmbH & Co. KG
G: U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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	1	.	0	.	2		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-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	
edito	2001-02-01	3	.	4	.	1		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	2002-01-11	3	.	8	.	0		get it	
RP-15	2002-04-04	3	.	9	.	0		get it	
RP-16	2002-07-19	3	.	10	.	0		get it	
RP-17	2002-09-30	3	.	11	.	0		get it	
RP-18	2003-01-03	3	.	12	.	0		get it	
RP-19	2003-03-31	3	.	13	.	0		get it	
RP-21	2003-09-30	3	.	14	.	0		get it	
RP-24	2004-06-18	3	.	14	.	1	ASN.1 editorials	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.434 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, comments):

draft	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-09	2000-10-05	3	.	3	.	0
RP-10	2000-12-21	3	.	4	.	0
RP-11	2001-04-06	3	.	5	.	0
RP-14	2002-01-11	3	.	6	.	0
RP-15	2002-04-02	3	.	7	.	0
RP-16	2002-06-28	3	.	8	.	0

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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, comments):

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	2000-10-10	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-15	2002-04-02	3	.	10	.	0
RP-22	2004-01-13	3	.	11	.	0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.442	UTRAN implementation-specific O&M transport								
R99	<i>current version:</i> 3.1.0		<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> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-03 1999-04-23	0 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-04 1999-06-23	0 . 0 . 2		get it	<i>remarks - this release:</i>				
	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	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc				
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	First complete draft 1999-03-04	0 . 0 . 0		get it	<i>remarks - general:</i>				
	WG approval 1999-03-19	1 . 0 . 0		get it	<i>remarks - this release:</i> .				
	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	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation				
	<i>freeze_meeting:</i> SP-06		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>								
	RP-08 2001-01-12	1 . 1 . 0		get it	<i>remarks - general:</i> Created Jan 2000 (aka R1.03)				
	RP-22 2004-01-14	3 . 0 . 0		get it	<i>remarks - this release:</i> 2003-11-28: WG Chairman intends that this be brought under change control at RP-22.				
	RP-030645								

TR 25.853	Delay budget within the access stratum								
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VON BRANDT, Armin	SIEMENS AG				
	<i>freeze_meeting:</i> RP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	draft 2001-04-06	0 . 0 . 0		get it	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.				
	RP-10 2000-12-22	3 . 0 . 0		get it	<i>remarks - this release:</i> 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 access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.921 Guidelines and principles for protocol description and error handling

R99	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARRETO, Luis	NOKIA Corporation
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
		<i>U:</i> yes		
<i>history (event, available, version, comments):</i>				
Table of Contents	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	2004-03-26	3 . 10 . 0	get it	
RP-24	2004-06-17	3 . 11 . 0	get it	

TR 25.922 Radio resource management strategies

R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> HUS, Olivier	Philips Research Laboratories
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
		<i>U:</i> yes		
<i>history (event, available, version, comments):</i>				
First complete draft	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	2004-03-24	3 . 8 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 *current version:* 3.4.0
freeze_meeting: SP-06
history (event, available, version, comments):

First complete draft	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 Vodafone D2 GmbH
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](#)

TR 25.931 UTRAN Functions, examples on signalling procedures

R99 *current version:* 3.7.0
freeze_meeting: SP-07
history (event, available, version, comments):

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-000125
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 TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.941	Document structure								
R99	<i>current version:</i> 3.1.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> TAKAMI, Tadao	NTT DoCoMo Inc			
	<i>freeze_meeting:</i> RP-06			<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>			<i>U:</i> yes					
	RP-03	1999-04-23	0 . 0 . 1		get it	<i>remarks - general:</i>			
	RP-04	1999-06-23	1 . 0 . 0		get it	<i>remarks - this release:</i>			
	RP-05	1999-10-13	3 . 0 . 0		get it				
	RP-06	1999-12-17	3 . 1 . 0		get it				

TR 25.942	Radio Frequency (RF) system scenarios								
R99	<i>current version:</i> 3.3.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V			
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>			<i>U:</i> yes					
	RP-03	1999-04-23	0 . 0 . 2		get it	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.		
	RP-04	1999-06-23	1 . 0 . 0		get it	<i>remarks - this release:</i>			
	RP-05	1999-10-13	2 . 0 . 0		get it				
	RP-06	1999-12-12	2 . 1 . 1		get it				
	RP-07	2000-03-15	2 . 1 . 3		get it				
	RP-09	2000-10-26	2 . 3 . 0		get it				
	RP-11	2001-04-10	3 . 0 . 0		get it				
	RP-12	2001-07-03	3 . 1 . 0		get it				
	RP-14	2002-01-14	3 . 2 . 0		get it				
	RP-16	2002-07-03	3 . 3 . 0		get it				

TR 25.944	Channel coding and multiplexing examples								
R99	<i>current version:</i> 3.5.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation			
	<i>freeze_meeting:</i> SP-07			<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>			<i>U:</i> yes					
	editor's draft	1999-11-25	0 . 0 . 1		get it	<i>remarks - general:</i>	Created Jan 2000 (aka R1.04)		
	R1-09	1999-12-15	1 . 0 . 0		get it	<i>remarks - this release:</i>			
	RP-07	2000-03-16	3 . 0 . 0		get it				
	RP-08	2000-06-23	3 . 1 . 0		get it				
	RP-09	2000-10-18	3 . 2 . 0		get it				
	RP-10	2000-12-22	3 . 3 . 0		get it				
	RP-11	2001-04-06	3 . 4 . 0		get it				
	edito	2001-04-10	3 . 4 . 1		get it				
	RP-12	2001-06-28	3 . 5 . 0		get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
R99 *current version:* 3.1.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

		0	.	0	.	0			<i>remarks - general:</i>
RP-18	2003-01-13	3	.	0	.	0	Back creation from Rel-6 version	get it	<i>remarks - this release:</i> 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, comments):

SP-03	1999-04-26	1	.	0	.	0		get it	<i>remarks - general:</i> Transfer>TSG#4
SP-04	1999-06-23	3	.	0	.	0		get it	<i>remarks - this release:</i> .
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, comments):

SP-04	1999-06-23	0	.	1	.	0		get it	<i>remarks - general:</i>
SP-03	1999-04-23	0	.	1	.	0		get it	<i>remarks - this release:</i>
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 access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-03	1999-04-23	0	0	0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-04	1999-06-23	1	0	0	get it	<i>remarks - this release:</i>
SP-05	1999-10-13	2	0	0	get it	
SP-06	1999-12-17	3	0	0	get it	
Test sequences available	2000-02-02	3	0	1	get it	
Test sequences corrected	2000-09-14	3	0	2	get it	
SP-11	2001-04-10	3	1	0	get it	
corrected test	2001-07-04	3	1	1	get it	

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0 *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, comments):

SP-03	1999-04-26	1	0	0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-04	1999-06-23	3	0	0	get it	<i>remarks - this release:</i> .
SP-05	1999-10-13	3	0	1	get it	
SP-06	1999-12-17	3	1	0	get it	

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0 *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, comments):

SP-03	1999-04-26	1	0	0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-04	1999-06-23	3	0	0	get it	<i>remarks - this release:</i> .
SP-05	1999-10-13	3	0	1	get it	
SP-06	1999-12-17	3	1	0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 1999-04-26 1 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-04 1999-06-23 3 . 0 . 0	get it	<i>remarks - this release:</i> .			
	SP-05 1999-10-13 3 . 0 . 1	get it				

TS 26.093	AMR speech Codec; Source Controlled Rate operation					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 1999-04-26 1 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-04 1999-06-23 3 . 0 . 0	get it	<i>remarks - this release:</i>			
	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	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-04 1999-06-23 0 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-03 1999-04-26 0 . 1 . 0	get it	<i>remarks - this release:</i> .			
	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	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 1999-04-26 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-04 1999-06-23 1 . 2 . 0	get it	<i>remarks - this release:</i>			
	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 access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.102	Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 1999-04-26 0 . 2 . 0	get it	<i>remarks - general:</i>			
	SP-06 1999-12-17 3 . 0 . 0	get it	<i>remarks - this release:</i>			
	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	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-06 1999-12-17 3 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	SP-14 2002-01-09 3 . 1 . 0	get it	<i>remarks - this release:</i> .			
	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	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-06 1999-12-17 0 . 1 . 0	get it	<i>remarks - general:</i>			
	SP-07 2000-03-15 0 . 3 . 0 SP-000022	get it	<i>remarks - this release:</i>			
	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 access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.110	Codec for circuit switched multimedia telephony service; General description						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	SP-03 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 . 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	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	SP-03 1999-04-26	1 . 0 . 0		get it	<i>remarks - general:</i>	CR at TSG#5	
	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			
	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	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	GOETZ, Ian	TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-06	G: U: yes		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	SP-05 1999-10-13	0 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-06 1999-12-17	3 . 0 . 0		get it	<i>remarks - this release:</i>		
	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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.132	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	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>G:</i> yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	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	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):
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, comments):
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](#)

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 access.

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ACTIVE specs R99 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 3.15.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-03	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
NP-24	2004-06-18	3	.	15	.	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, comments):

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 access.

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ACTIVE specs R99 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-03	1999-04-23	3	. 0	. 0
NP-04	1999-06-23	3	. 1	. 0
NP-06	1999-12-17	3	. 2	. 0
NP-07	2000-03-15	3	. 3	. 0
NP-08	2000-06-23	3	. 4	. 0
NP-09	2000-10-12	3	. 5	. 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[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, comments):

TP-03	1999-04-28	1	. 0	. 0
TP-04	1999-06-18	3	. 0	. 0
TP-06	1999-12-17	3	. 1	. 0
TP-16	2002-06-25	3	. 2	. 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 27.007 AT command set for 3G User Equipment (UE)

R99 *current version:* 3.13.0 *WG (prime / other):* T2 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-28	1	. 0	. 0
TP-04	1999-06-18	3	. 1	. 0
TP-05	1999-10-08	3	. 2	. 0
TP-06	1999-12-17	3	. 3	. 0
TP-07	2000-03-15	3	. 4	. 0
TP-08	2000-06-23	3	. 5	. 0
TP-09	2000-10-11	3	. 6	. 0
TP-10	2001-01-04	3	. 7	. 0
TP-11	2001-04-06	3	. 8	. 0
TP-12	2001-07-04	3	. 9	. 0
TP-14	2002-01-11	3	. 10	. 0
TP-15	2002-03-29	3	. 11	. 0
TP-18	2002-12-20	3	. 12	. 0
TP-19	2003-03-31	3	. 13	. 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 27 .- series
Server location: 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:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-04

G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-28	1	. 0	. 0
TP-04	1999-06-18	3	. 1	. 0
TP-05	1999-10-08	3	. 2	. 0
TP-07	2000-03-15	3	. 3	. 0
TP-15	2002-03-25	3	. 4	. 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

R99 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-03

G: yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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	1999-12-17	3	. 3	. 0
NP-07	2000-03-15	3	. 4	. 0
NP-11	2001-04-06	3	. 5	. 0
NP-16	2002-06-24	3	. 6	. 0
NP-17	2002-09-17	3	. 7	. 0
NP-20	2003-06-23	3	. 8	. 0

[get it](#) *remarks - general:* GPRS
[get it](#) *remarks - this release:*
[get it](#)
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TS 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: SP-05

G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-05	1999-10-08	3	. 0	. 0
TP-09	2000-10-16	3	. 1	. 0

[get it](#) *remarks - general:*
[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 access.

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ACTIVE specs R99 27 .- series
Server location: 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:* RODERMUND, Friedhelm Vodafone D2 GmbH

G: *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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:* .
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[get it](#)

TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0
freeze_meeting: SP-05

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH

G: *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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:* .

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Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 *current version:* 3.20.0

freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	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-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 figures legible	2001-01-31	3 . 7 . 2	get it	
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	2004-03-23	3 . 19 . 0	get it	
NP-24	2004-06-17	3 . 20 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.007 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:* 3.15.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG

freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-03	1999-04-23	3	.	0	.	0
post-SP-04	1999-05-27	3	.	1	.	0
NP-05	1999-10-13	3	.	2	.	0
NP-06	1999-12-17	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-09	2000-10-12	3	.	6	.	0
NP-10	2000-12-22	3	.	7	.	0
NP-11	2001-03-29	3	.	8	.	0
NP-14	2002-01-11	3	.	9	.	0
NP-16	2002-06-24	3	.	10	.	0
NP-18	2003-01-06	3	.	11	.	0
NP-20	2003-06-23	3	.	12	.	0
NP-21	2003-10-01	3	.	13	.	0
NP-22	2004-01-22	3	.	14	.	0
NP-24	2004-06-18	3	.	15	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R99	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.12.0WG (prime / other):	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, comments):</i>								
	NP-03 1999-04-23 0 . 0 . 0			get it	<i>remarks - general:</i>	Transfer>TSG#4 (transfer??)			
	NP-05 1999-10-13 3 . 0 . 0			get it	<i>remarks - this release:</i>				
	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 2004-03-23 3 . 12 . 0			get it					

TS 29.011	Signalling Interworking for Supplementary Services								
R99	<i>current version:</i> 3.0.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-03	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>								
	NP-03 1999-04-23 3 . 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								
R99	<i>current version:</i> 3.0.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-05	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>								
	NP-04 1999-06-23 3 . 0 . 0			get it	<i>remarks - general:</i>	Transfer>TSG#4			
					<i>remarks - this release:</i>	.			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: 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	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-03 1999-04-23 3 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-09 2000-10-06 3 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
R99	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	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-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 access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
R99	<i>current version:</i> 3.19.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	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-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-10	2000-09-28	3 . 6 . 0	get it	
	NP-10	2000-12-21	3 . 7 . 0	get it	
	NP-11	2001-03-30	3 . 8 . 0	get it	
	NP-12	2001-07-04	3 . 9 . 0	get it	
	NP-13	2001-10-03	3 . 10 . 0	get it	
	NP-14	2002-01-11	3 . 11 . 0	get it	
	NP-15	2002-03-28	3 . 12 . 0	get it	
	NP-16	2002-06-21	3 . 13 . 0	get it	
	NP-17	2002-09-18	3 . 14 . 0	get it	
	NP-18	2003-01-07	3 . 15 . 0	get it	
	NP-19	2003-04-04	3 . 16 . 0	get it	
	NP-20	2003-06-27	3 . 17 . 0	get it	
	NP-22	2004-01-12	3 . 18 . 0	get it	
	NP-23	2004-03-24	3 . 19 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.061	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, comments):</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 Public
	NP-04	1999-06-23	3 . 1 . 0	get it <i>remarks - this release:</i> 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 access.

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ACTIVE specs R99 29 .- series
Server location: 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> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	NP-03	1999-04-23	3 . 0 . 0	get it	<i>remarks - general:</i>	NP-24: txferred to N4 on closure of N2.			
	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	G: U: yes	MCC: CALDENHOVEN, Juergen						
	<i>history (event, available, version, comments):</i>								
	RP-08		2 . 0 . 0		<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)			
	RP-08	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 access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)						
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-04 1999-05-27	0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	NP-06 1999-12-15	1 . 0 . 0	get it	<i>remarks - this release:</i>			
	NP-07 2000-03-15	3 . 0 . 0	get it				
<hr/>							
TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	NP-04 1999-05-27	0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	NP-06 1999-12-15	1 . 0 . 0	get it	<i>remarks - this release:</i>			
	NP-07 2000-03-15	3 . 0 . 0	get it				
	NP-09 2000-10-25	3 . 1 . 0	get it				
<hr/>							
TS 29.198	Open Service Architecture (OSA) Application Programming Interface (API) - Part 1						
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N5 / -	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	NP-07 2000-03-13	1 . 0 . 0	get it	<i>remarks - general:</i> OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.			
	NP-08 2000-06-23	3 . 0 . 0	get it	<i>remarks - this release:</i>			
	NP-09 2000-10-09	3 . 1 . 0	get it				
	NP-10 2001-01-03	3 . 2 . 0	get it				
	NP-11 2001-03-28	3 . 3 . 0	get it				
	NP-12 2001-06-29	3 . 4 . 0	get it				
<hr/>							
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana	Skov			
	<i>history (event, available, version, comments):</i>						
	NP-16 2002-06-26	3 . 0 . 0	get it	<i>remarks - general:</i> 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest			
	edito post NP-18 2002-12-16	3 . 0 . 1	get it	<i>remarks - this release:</i> . Release version.			
				TR.			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0

freeze_meeting: SP-08

WG (prime / other): N5 / - *rapporteur:* ABARCA, Chelo

ALCATEL S.A.

G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

[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

WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd

G: *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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

[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.

[get it](#) Sanders, May 2001: no, not withdrawn. So re-instated.

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM application

R99 *current version:* 3.17.0

freeze_meeting: SP-06

WG (prime / other): T3 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.

G: *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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	2004-03-25	3	16	0
TP-24	2004-06-15	3	17	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0

freeze_meeting: SP-06

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian Axalto S.A.

G: *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

E-mailed to SP-T for	1999-11-15	1	0	0
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

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001:
remarks - this release: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
R99	<i>current version:</i> 3.12.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	WOODSEND, Kristian	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-07								
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana				
	TP-06 1999-12-17	1 . 0 . 0		get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.			
	TP-07 2000-03-15	3 . 0 . 0		get it	<i>remarks - this release:</i>				
	TP-08 2000-06-23	3 . 1 . 0		get it					
	TP-09 2000-10-18	3 . 2 . 0		get it					
	TP-10 2001-01-05	3 . 3 . 0		get it					
	TP-11 2001-04-09	3 . 4 . 0		get it					
	TP-12 2001-07-06	3 . 5 . 0		get it					
	TP-13 2001-10-12	3 . 6 . 0		get it					
	TP-14 2002-01-16	3 . 7 . 0		get it					
	TP-16 2002-06-28	3 . 8 . 0		get it					
	TP-18 2003-01-02	3 . 9 . 0		get it					
	TP-19 2003-04-04	3 . 10 . 0		get it					
	TP-22 2004-01-12	3 . 11 . 0		get it					
	TP-23 2004-03-25	3 . 12 . 0		get it					

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	MAESER, Torsten	Orga Test Systems Gmbh			
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	TP-09 2000-10-18	1 . 0 . 0		get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP			
	TP-10 2001-01-05	3 . 0 . 0		get it	<i>remarks - this release:</i>	TP-11:moved to ETSI-SCP. TP-12: reinstated.			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.121 UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification

R99 *current version:* 3.9.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-09	2000-10-18	1	0	0	get it <i>remarks - general:</i> based on R99 core spec; split into 2 parts (this is 2)
TP-10	2001-01-05	3	0	0	get it <i>remarks - this release:</i>
TP-12	2001-07-06	3	1	0	get it
TP-16	2002-06-19	3	2	0	get it
TP-17	2002-09-18	3	3	0	get it
TP-18	2003-01-02	3	4	0	get it
TP-19	2003-03-26	3	5	0	get it
TP-20	2003-06-23	3	6	0	get it
TP-21	2003-09-29	3	7	0	get it
TP-23	2004-03-26	3	8	0	get it
TP-24	2004-06-15	3	9	0	get it

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, comments):

TP-09	2000-10-18	1	0	0	get it <i>remarks - general:</i> based on R99 core spec; was originally 31.121 but renumbered which 31.120 was
TP-10		2	0	0	<i>remarks - this release:</i> split into two parts
TP-10	2001-01-05	3	0	0	get it
TP-14	2002-01-17	3	1	0	get it
TP-15	2002-03-28	3	2	0	get it
TP-16	2002-06-19	3	3	0	get it
TP-17	2002-09-18	3	4	0	get it
TP-18	2003-01-02	3	5	0	get it
TP-19	2003-04-01	3	6	0	get it
TP-22	2004-01-12	3	7	0	get it

R99

32 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.005	Telecommunications management; Charging management; 3G call and event data for the Circuit Switched (CS) domain								
R99	<i>current version:</i> 3.7.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni				NOKIA Corporation
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-06	1999-12-17	3 . 0 . 0	get it	<i>remarks - general:</i>	2004-03-29:S5 Project Manager: title changed from "charging and billing" to align with			
	SP-08	2000-06-23	3 . 1 . 0	get it	<i>remarks - this release:</i>	later Releases.			
	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 management; 3G call and event data for the Packet Switched (PS) domain								
R99	<i>current version:</i> 3.12.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ALEXANDER, Benni				NOKIA Corporation
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-06	1999-12-17	3 . 0 . 0	get it	<i>remarks - general:</i>	2004-03-29:S5 Project Manager: title changed from "charging and billing" to align with			
	SP-07	2000-03-17	3 . 1 . 0	get it	<i>remarks - this release:</i>	later Releases.			
	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 access.

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ACTIVE specs R99 32 .- series
Server location: 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, comments):

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, comments):

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 access.

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 Telecommunication management; 3G Performance Management

R99 *current version:* 3.8.0 *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	1999-10-13	1	. 0	. 0	get it <i>remarks - general:</i>
SP-06	1999-12-17	3	. 0	. 0	get it <i>remarks - this release:</i>
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-09	2000-10-10	3	. 3	. 0	get it
SP-10	2000-12-21	3	. 4	. 0	get it
SP-14	2002-01-11	3	. 5	. 0	get it
SP-20	2003-06-27	3	. 6	. 0	get it
SP-23	2004-03-24	3	. 7	. 0	get it
SP-24	2004-06-15	3	. 8	. 0	get it

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 *current version:* 3.1.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	1999-10-13	1	. 0	. 0	get it <i>remarks - general:</i> SP-08: split into eight parts
SP-06	1999-12-17	1	. 1	. 0	get it <i>remarks - this release:</i> SP-08: 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	2000-06-23	3	. 1	. 0	split into parts get it

TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service (IS)

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-08: split into parts	2000-06-23	3	. 1	. 0	get it <i>remarks - general:</i> TSG#8: split into eight parts
SP-10	2000-12-21	3	. 2	. 0	get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-11	2001-04-05	3	. 3	. 0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series
Server location: 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 (SS)* 3.3.0 *WG (prime / other):* S5 /- *rapporteur:* TSE, Edwin
Ericsson Incorporated

freeze_meeting: SP-07

G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-08: split into 2000-06-23 3 . 1 . 0
parts
SP-10 2000-12-21 3 . 2 . 0
SP-11 2001-04-05 3 . 3 . 0

[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](#)

TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Poin (IRP); Common Management Information Protocol (CMIP)

R99 *current version: Solution Set (SS)* 3.2.1 *WG (prime / other):* S5 /- *rapporteur:* POLLAKOWSKI, Olaf
SIEMENS AG

freeze_meeting: SP-07

G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-08: split into 2000-06-23 3 . 1 . 0
parts
SP-14 2002-01-11 3 . 2 . 0
editorial after SP-17 2002-09-18 3 . 2 . 1

[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](#)

TS 32.106-5 Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP); Information model (including Network Resource Model)

R99 *current version:* 3.2.0 *WG (prime / other):* S5 /- *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-10
G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft 2000-10-10 1 . 0 . 1
SP-10 2000-12-21 3 . 0 . 0
SP-11 2001-04-05 3 . 1 . 0
SP-12 2001-07-03 3 . 2 . 0

[get it](#) *remarks - general:* TSG#8: split into eight parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
R99	<i>current version: Solution Set (SS)</i>	3.4.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i>	SP-10	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	draft	2000-10-31	0	. 1	. 0	get it	<i>remarks - general:</i>	TSG#8: split into eight parts	
	SP-10	2000-12-14	3	. 0	. 0	get it	<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)	
	SP-11	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			

TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
R99	<i>current version: Solution Set (SS)</i>	3.3.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
SIEMENS AG									
	<i>freeze_meeting:</i>	SP-10	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	draft	2000-10-31	0	. 1	. 0	get it	<i>remarks - general:</i>	TSG#8: split into eight parts	
	SP-10	2000-12-21	3	. 0	. 0	get it	<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)	
	SP-11	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			

TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects								
R99	<i>current version: 3.2.0</i>	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i>	SP-07	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>								
	SP-08: split into	2000-06-23	3	. 1	. 0	get it	<i>remarks - general:</i>	TSG#8: split into eight parts	
	parts						<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0	
	SP-12	2001-07-03	3	. 2	. 0	get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-1 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: yes U: yes* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	1999-10-13	1	. 0	. 0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	1999-12-17	1	. 1	. 0	get it <i>remarks - this release:</i> 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 (IS)

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg MOTOROLA A/S
freeze_meeting: SP-08 *G: yes U: yes* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	1999-10-13	1	. 0	. 0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	1999-12-17	1	. 1	. 0	get it <i>remarks - this release:</i>
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 access; U = required in systems with UMTS access.

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-08 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	1999-10-13	1	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	1999-12-17	1	.	1	.	0	get it <i>remarks - this release:</i> 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 (SS)

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-08 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	1999-10-13	1	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	1999-12-17	1	.	1	.	0	get it <i>remarks - this release:</i> 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

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Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

R99 *current version:* 3.13.0

freeze_meeting: SP-07

history (event, available, version, comments):

Table of Contents and Scope	1999-03-04	0	0	1
First complete draft	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:

[get it](#)
[get it](#)
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TS 33.103 3G security; Integration guidelines

R99 *current version:* 3.7.0

freeze_meeting: SP-05

history (event, available, version, comments):

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:

[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic algorithm requirements					
R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-04	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	SP-04 1999-06-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-05 1999-10-13 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-06 1999-12-17 3 . 2 . 0	get it				
	SP-07 2000-03-15 3 . 3 . 0	get it				
	SP-08 2000-06-23 3 . 4 . 0	get it				
	SP-09 2000-10-11 3 . 5 . 0	get it				
	SP-10 2000-12-22 3 . 6 . 0	get it				
	SP-11 2001-03-30 3 . 7 . 0	get it				
	SP-12 2001-07-04 3 . 8 . 0	get it				
<hr/>						
TS 33.106	Lawful interception requirements					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	SP-04 1999-06-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-06 1999-12-17 3 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	SP-04 1999-06-23 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 2000-12-22 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 2001-03-30 3 . 2 . 0	get it				
	SP-13 2001-10-03 3 . 3 . 0	get it				
	SP-14 2002-01-07 3 . 4 . 0	get it				
	SP-15 2002-03-26 3 . 5 . 0	get it				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.120	Security Objectives and Principles					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-03		G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>					
	Table of Contents and Scope	1999-03-04	0	0	1	get it <i>remarks - general:</i>
	First complete draft	1999-03-26	1	0	0	get it <i>remarks - this release:</i> .
	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	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-04		G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>					
	SP-03	1999-04-23	0	0	0	get it <i>remarks - general:</i>
	SP-04	1999-06-23	3	0	0	get it <i>remarks - this release:</i> .
<hr/>						
TR 33.902	Formal Analysis of the 3G Authentication Protocol					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther		SIEMENS AG
	<i>freeze_meeting:</i> SP-05		G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>					
	SP-05	1999-10-13	3	0	0	get it <i>remarks - general:</i>
	SP-06	1999-12-17	3	1	0	get it <i>remarks - this release:</i> .
<hr/>						
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07		G:	U: yes	MCC:	POPE, Maurice
	<i>history (event, available, version, comments):</i>					
	SP-07	2000-03-17	3	0	0	get it <i>remarks - general:</i> TSG#7: S3-000105=NP-000049
						<i>remarks - this release:</i> Formerly 33.904.

R99

34 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 current version: 3.16.0

WG (prime / other): T1 / - rapporteur: CHALABI, Nuhman ANRITSU LTD

freeze_meeting: SP-08

G: U: yes MCC: SULTAN, Alain

history (event, available, version, comments):

Start of work		0	.	0	.	1	
TP-07	2000-03-15	1	.	0	.	0	TP-000032
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	2004-04-01	3	.	15	.	0	
TP-24	2004-06-18	3	.	16	.	0	technical contents removed, is just a pointer to Rel-5 version

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.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109 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, comments):

RP-03	1999-04-23	0	.	0	.	0		get it	<i>remarks - general:</i> TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9: <i>remarks - this release:</i> Stable, so txfered from T1 to R2.
RP-04	1999-06-18	0	.	2	.	0		get it	
RP-05	1999-10-08	1	.	0	.	0		get it	
RP-06	1999-12-17	1	.	0	.	3		get it	
next version	2000-02-03	1	.	1	.	0		get it	
RP-07	2000-03-15	1	.	2	.	0		get it	
RP-08	2000-06-23	3	.	0	.	0		get it	
RP-09	2000-10-05	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-15	2002-03-19	3	.	5	.	0		get it	
RP-16	2002-06-17	3	.	6	.	0		get it	
RP-17	2002-09-18	3	.	7	.	0		get it	
RP-18	2003-01-13	3	.	8	.	0		get it	
RP-19	2003-03-25	3	.	9	.	0		get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.14.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

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 access.

3GPP specification status

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

R99 *current version:* 3.12.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-08 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-04	1999-06-18	0	.	0	.	0
TP-05	1999-10-08	0	.	1	.	0
TP-06	1999-12-17	1	.	0	.	0
TP-07	2000-03-15	1	.	2	.	0
Editorial	2000-03-15	1	.	2	.	1
TP-08		2	.	0	.	0
TP-08	2000-06-23	3	.	0	.	0
edito	2000-08-28	3	.	0	.	1
TP-09	2000-10-05	3	.	1	.	0
TP-10	2000-12-21	3	.	2	.	0
TP-11	2001-03-28	3	.	3	.	0
TP-12	2001-06-18	3	.	4	.	0
TP-13	2001-10-03	3	.	5	.	0
TP-14	2002-01-09	3	.	6	.	0
TP-15	2002-03-21	3	.	7	.	0
TP-16	2002-06-17	3	.	8	.	0
TP-17	2002-09-05	3	.	9	.	0
TP-18	2002-12-18	3	.	10	.	0
TP-19	2003-03-24	3	.	11	.	0
TP-22	2004-01-19	3	.	12	.	0

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remarks - general:

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remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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, comments):

TP-03	1999-04-23	0	.	0	.	0
TP-05	1999-10-08	0	.	0	.	4
TP-06	1999-12-17	1	.	0	.	0
manicure	2000-03-23	1	.	0	.	1
TP-08		2	.	0	.	0
TP-08	2000-06-23	3	.	0	.	0
TP-09	2000-10-10	3	.	1	.	0
TP-10	2001-01-09	3	.	2	.	0
TP-11	2001-03-28	3	.	3	.	0
TP-12	2001-06-28	3	.	4	.	0
TP-13	2001-10-03	3	.	5	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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, comments):

TP-03	1999-04-23	0	.	0	.	1
TP-05	1999-10-08	0	.	0	.	6
TP-06	1999-12-17	1	.	0	.	0
TP-07	2000-03-15	1	.	0	.	1
TP-09	2000-09-22	2	.	0	.	0
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	2001-06-28	3	.	4	.	0
TP-13	2001-10-04	3	.	5	.	0

[get it](#) *remarks - general:*
[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).
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

R99 *current version:* 3.6.1 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:*
Start work if STF 0 . 0 . 1 *remarks - this release:*
fund +T2 input avail.

TP-11 2001-03-28 1 . 0 . 0 [get it](#)

TP-12 2001-06-28 1 . 0 . 3 TP-010124 [get it](#)

draft 2001-10-11 1 . 0 . 5 [get it](#)

TP-18 2002-12-16 2 . 0 . 0 [get it](#)

text = TP-020301 (see also TP-020302),
ttn = TP-020320 which will be available
by 2002-12-20.

TP-18 2002-12-18 3 . 0 . 0 Availability delayed pending availability of [get it](#)
.mp file.

TP-19 2003-04-09 3 . 1 . 0 [get it](#)

TP-20 2003-07-04 3 . 2 . 0 late availability due to delay in checking by [get it](#)
WG members

TP-20 2003-07-15 3 . 2 . 1 Fixes bug in Telelogic tool output. [get it](#)

TP-21 2003-10-31 3 . 3 . 0 TTCN verification performed by Anritsu & [get it](#)
Racal.

TP-22 2004-01-12 3 . 4 . 0 [get it](#)

TP-23 2004-03-29 3 . 5 . 0 no MP file - to follow [get it](#)

TP-23 2004-04-13 3 . 5 . 1 With MP file. [get it](#)

post TP-23 edito 2004-04-14 3 . 5 . 2 Reorders some misplaced subclauses [get it](#)

TP-24 2004-07-02 3 . 6 . 0 [get it](#)

post TP-24 editorial 2004-07-23 3 . 6 . 1 One correction performed in the NAS ATS [get it](#)
part

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

R99 *current version:* 3.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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, comments):

TP-20	2003-06-17	2	0	0	get it	<i>remarks - general:</i> 2002-09-16: 34.801 -> 34.901.
TP-20	2003-06-17	2	0	1	get it	<i>remarks - this release:</i> 2002-09-26: Anticipate approval at TP-18.
						TP-030105
						TP-030145 (clause 4 modified). Doc claims to be v2.0.0
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:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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 access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions
R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-23	1	.	0	.	0	get it <i>remarks - general:</i>
TP-04	1999-06-18	3	.	0	.	0	get it <i>remarks - this release:</i> .

R99 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications
R99 *current version:* 3.2.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-07	2000-03-17	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available. get it <i>remarks - general:</i> ex SAGE; supplied by ETSI under licence <i>remarks - this release:</i>
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, comments):

SP-07	2000-03-17	3	.	1	.	0	SAGE only supplied PDF, so no real deliverable yet available. get it <i>remarks - general:</i> ex SAGE; supplied by ETSI under licence <i>remarks - this release:</i>
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 access.

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ACTIVE specs R99 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data					
R99	<i>current version:</i> 3.1.2			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice	
<i>history (event, available, version, comments):</i>						
	SP-07	2000-03-17	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence
	Formatting	2001-07-16	3 . 1 . 1	Sage makes source file available.	get it	
	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	<i>current version:</i> 3.1.2			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice	
<i>history (event, available, version, comments):</i>						
	SP-07	2000-03-17	3 . 1 . 0	SAGE only supplied PDF, so no real deliverable yet available	get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence
	Formatting	2001-07-12	3 . 1 . 1	Sage makes source file available.	get it	
	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	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> MOULSLEY, Tim	Philips Research Laboratories
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> USAI, Paolino	
<i>history (event, available, version, comments):</i>						
	draft		1 . 0 . 0		<i>remarks - general:</i> Produced by ETSI SMG2.	
	smg-22	1997-06-13	3 . 0 . 0		<i>remarks - this release:</i>	
	ETSI publication	1997-11-28	3 . 0 . 1		get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs UMTS 30 .- series
Server location: 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, comments):

TC change control 1997-06-13 3 . 0 . 0

smg-23 1997-10-17 3 . 1 . 0

smg-25 1998-03-20 3 . 2 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[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, comments):

First complete draft 1997-12-01 1 . 0 . 0

smg-24 1997-12-15 3 . 0 . 0

[get it](#) *remarks - general:*

[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, comments):

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.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04	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:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>
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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:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	upgrade to R98 2001-10-04 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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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, comments):
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, comments):
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, comments):
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, comments):
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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ACTIVE specs R98 02 .- series
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TS 02.06	Types of Mobile Stations (MS)								
R98	<i>current version:</i> 7.0.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WATSON, John		VODAFONE Group Plc			
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	smg-29 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:</i>				
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TS 02.07	Mobile Station (MS) Features								
R98	<i>current version:</i> 7.1.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WATSON, John		VODAFONE Group Plc			
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	smg-27 1998-10-16 7 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI publication 1999-08-03 7 . 0 . 1			get it	<i>remarks - this release:</i>				
	SP-07 2000-03-15 7 . 1 . 0			get it					
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TS 02.09	Security aspects								
R98	<i>current version:</i> 7.1.1		<i>WG (prime / other):</i> S3 / S1 / NP	<i>rapporteur:</i>		CHRISTOFFERSSON, Per		TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</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>				
	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	<i>current version:</i> 7.1.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle		ORANGE SA			
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	smg-27 1999-10-16 7 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI publication 1999-08-03 7 . 0 . 1			get it	<i>remarks - this release:</i>				
	SP-11 2001-04-02 7 . 1 . 0			get it					

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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, comments):</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		
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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, comments):</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		
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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 S.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</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>	
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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, comments):</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 02.24	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, comments):</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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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:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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				
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TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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				
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TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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				
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TS 02.33	Lawful Interception (LI); Stage 1					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.40	Procedures for Call Progress Indications					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 7 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 1999-07-28 7 . 0 . 1	get it	<i>remarks - this release:</i>			
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TS 02.41	Operator Determined Barring					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WATSON, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 7 . 0 . 0		<i>remarks - general:</i>			
	smg-28 7 . 1 . 0		<i>remarks - this release:</i>			
	SP-05 7 . 2 . 0					
	SP-08 2000-09-07 7 . 3 . 0	get it				

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TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	T3 / S3	<i>rapporteur:</i>	BARNES, Nigel	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0	get it		<i>remarks - general:</i>	SMG9->T3@#31	
				<i>remarks - this release:</i>		
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TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i>	S4 /	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-25 1998-03-20 7 . 0 . 0	get it		<i>remarks - general:</i>	SMG11->S4 at SMG#30	
	ETSI publication 1999-08-16 7 . 0 . 1	get it		<i>remarks - this release:</i>		
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TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</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: 7.2.0	
	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				
<hr/>						
TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	smg-25 1998-03-20 7 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-29 1999-06-25 7 . 1 . 0	get it		<i>remarks - this release:</i>	#25: 7.0.0 #29: 7.1.0	

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TS 02.60	General Packet Radio Service Stage 1 Description					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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			
	smg-29 1999-06-25 7 . 2 . 0	get it	approved. TSG#7: 7.4.0 TSG#8:7.5.0			
	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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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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TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R98	<i>current version:</i> 7.0.2	<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, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>	
	edito 1999-06-25 7 . 0 . 1			get it	<i>remarks - this release:</i>	
	publish EN 300 925 2000-08-24 7 . 0 . 2			get it		
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R98	<i>current version:</i> 7.0.2	<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, comments):</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 1999-12-29 7 . 0 . 2			get it		
<hr/>						
TS 02.71	Location Services (LCS); Stage 1					
R98	<i>current version:</i> 7.3.0	<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, comments):</i>					
	smg-28 1999-02-12 1 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-29 1999-06-25 7 . 0 . 0			get it	<i>remarks - this release:</i>	
	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		
<hr/>						
TS 02.72	Call Deflection Service description; Stage 1					
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</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: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0</i>	
	smg-28 1999-02-12 7 . 2 . 0			get it		
	smg-29 1999-06-25 7 . 2 . 1			get it		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 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			
<hr/>						
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.81	Line Identification Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>		
<hr/>						
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.84	MultiParty (MPty) Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.87	User-to-User Signalling (UUS) Service Description; Stage 1					
R98	<i>current version:</i> 7.1.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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: 7.1.1
	smg-29 1999-06-25 7 . 1 . 1				get it	
	ETSI publication 1999-12-16 7 . 1 . 2				get it	
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IGNATIUS, Jan		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.91	Explicit Call Transfer (ECT)					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg		SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; 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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.95	Support of Private Numbering Plan (SPNP); Service description; 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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.96	Name Identification 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	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i> #29: 7.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
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, comments):
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:* MILINSKI, AlexanderSIEMENS AG
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.03	Numbering, Addressing and Identification					
R98	<i>current version:</i> 7.8.0	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-28 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			
	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 02.16.	get it			
	NP-21 2003-10-09 7 . 8 . 0		get it			
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TR 03.05	Technical performance objectives					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #29: 7.0.0		
<hr/>						
TS 03.07	Restoration Procedures					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-06 1999-12-15 7 . 1 . 0		get it	<i>remarks - this release:</i>		

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-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 1999-12-17 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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #29: 7.0.0		

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 7 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-29 1999-06-26 7 . 0 . 1		get it	<i>remarks - this release:</i>		

TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 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 access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0	
<hr/>					
TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0	
<hr/>					
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-28 1999-02-12 7 . 0 . 0		get it	<i>remarks - general:</i>	
	edito 1999-08-10 7 . 0 . 1		get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>					
TS 03.15	Technical Realization of Operator Determined Barring				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-29	G: yes U:	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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, comments):

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	2004-03-23	7	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[get it](#)
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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, comments):

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:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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 S.A.
G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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

[get it](#) *remarks - general:* SMG9->T3@#31
[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 access.

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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 / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom				
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version, comments):</i>		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice					
	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	get it							CR at smg-32 would have created 7.3.0, but unclear whether or not approved
<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 Peter Skov	MOTOROLA A/S				
	<i>freeze_meeting:</i> smg-29			<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>		<i>G:</i> yes <i>U:</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 Peter Skov	MOTOROLA A/S				
	<i>freeze_meeting:</i> smg-29			<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>		<i>G:</i> yes <i>U:</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, comments):</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					

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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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, comments):</i>	G: yes U:	<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	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-08 2000-06-23 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	SP-18 2003-01-09 7 . 2 . 0	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	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</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> #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0		
	SP-10 2000-12-21 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	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-27 1998-10-16 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 2001-10-30 7 . 0 . 1	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, comments):

smg-26	1998-06-26	7	0	0	get it <i>remarks - general:</i>
smg-28	1999-02-12	7	1	0	get it <i>remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0</i>
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, comments):

smg-26	1998-06-26	7	0	0	get it <i>remarks - general: 2003-12-03: Note that this spec also contains stage 3.</i>
smg-27	1998-10-16	7	1	0	get it <i>remarks - this release:</i>
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, comments):

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>
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, comments):

smg-26	1998-06-26	7	0	0	get it <i>remarks - general:</i>
smg-28	1999-02-12	7	1	0	get it <i>remarks - this release:</i>
smg-29	1999-06-25	7	1	1	get it

G = required in systems with GERAN access; U = required in systems with UMTS access.

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TR 03.43 Support of Videotex
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, comments):
smg-29 1999-06-25 7 . 0 . 0 [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 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R98 *current version:* 7.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):
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:*

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
R98 *current version:* 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):
smg-29 1999-06-25 7 . 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)
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, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
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TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-28 1999-02-12 7 . 0 . 0		get it	<i>remarks - general:</i> SMG9->T3@#31		
	smg-29 1999-06-25 7 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH		
	<i>freeze_meeting:</i> SP-08	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<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, comments):</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 #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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 1999-02-12 7 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI PE 1999-05-26 7 . 0 . 1		get it	<i>remarks - this release:</i> #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	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i>	FAUCONNIER, Denis	NORTEL NETWORKS
R98 (EUROPE)	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	USAI, Paolino	
	smg-25 1998-03-20 7 . 0 . 0	get it	<i>remarks - general:</i>	Mar00: prime responsibility txfrd to SMG11	
	smg-29 1999-06-25 7 . 0 . 1	get it	<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	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 7 . 0 . 0		<i>remarks - this release:</i>	#29: 7.0.0	

TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel	
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - this release:</i>	#27: for info #28: 7.0.0 #29: 7.1.0	
	ETSI PE 1999-05-26 7 . 0 . 1	get it			
	smg-29 1999-06-25 7 . 1 . 0	get it			
	ETSI publication 2000-09-05 7 . 1 . 1	get it			

TS 03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTP Communications plc	
R98	<i>current version:</i> 7.2.0 <i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	RODERMUND, Friedhelm	
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - this release:</i>	#27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at	
	TP-06 1999-12-15 7 . 1 . 0	get it		TSG#6. TSG#7: 7.2.0	
	TP-07 2000-03-15 7 . 2 . 0	get it			

TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 7 . 0 . 0		<i>remarks - this release:</i>	#29: 7.0.0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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TS 03.60	General Packet Radio Service (GPRS); Service description; Stage 2						
R98	<i>current version:</i> 7.9.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>						
	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	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-29 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>		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.66	Support of GSM Mobile Number Portability (MNP); Stage 2				
R98	<i>current version:</i> 7.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.) TSG#7:	
	NP-05 1999-10-08 7 . 2 . 0		get it	7.3.0	
	NP-07 2000-03-15 7 . 3 . 0		get it		
	ETSI publication 2000-10-10 7 . 3 . 1		get it		
<hr/>					
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-07 2000-03-17 7 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-10 2000-12-21 7 . 2 . 0		get it		
<hr/>					
TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R98	<i>current version:</i> 7.3.0	<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> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-07 1999-12-15 7 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-09 2000-10-12 7 . 2 . 0		get it		
	NP-21 2003-10-10 7 . 3 . 0		get it		
<hr/>					
TS 03.69	Voice Broadcast service (VBS); Stage 2				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-07 2000-03-15 7 . 1 . 0		get it	<i>remarks - this release:</i> #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0	
	NP-09 2000-10-12 7 . 2 . 0		get it		
	NP-21 2003-10-13 7 . 3 . 0		get it		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version, comments):
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:* 7.11.0
freeze_meeting: smg-29
history (event, available, version, comments):
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
SP-24 2004-06-23 7 . 11 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version:* 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, comments):

smg-28 1999-02-12 7 . 0 . 0
smg-29 1999-06-25 7 . 1 . 0
smg-30 1999-11-11 7 . 2 . 0

[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 *WG (prime / other):* N4 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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

[get it](#) *remarks - general:* NP-24: txferred to N4 on closure of N2.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version:* 7.3.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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

[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 access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #29: 7.0.0</i>
<hr/>						
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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
	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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.90	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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.91	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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release:</i> #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2
R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-29 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, comments):
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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-29 *G: yes U:* *MCC:* Skov JURISIC, Andrijana
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R98	<i>current version:</i> 7.1.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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>		
	smg-31 2000-02-16 7 . 1 . 0	get it			
	Editorial correction 2000-03-16 7 . 1 . 1	get it			
	ETSI publication 2000-09-22 7 . 1 . 2	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 *current version:* 7.2.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	1999-06-25	7	.	0	.	0	get it <i>remarks - general:</i>
ETSI publication	1999-12-14	7	.	0	.	1	get it <i>remarks - this release:</i>
smg-31	2000-02-16	7	.	1	.	0	get it
Editorial correction	2000-02-16	7	.	1	.	1	get it
ETSI publication	2000-09-29	7	.	1	.	2	get it
GP-03	2001-01-31	7	.	2	.	0	get it
edito	2001-01-31	7	.	2	.	1	get it

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R98 *current version:* 7.3.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.21.0

freeze_meeting: smg-29

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version, comments):

smg-28	1999-02-12	7 . 0 . 0	get it	remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen remarks - this release: (even numbered CRs!)
smg-29	1999-06-25	7 . 1 . 0	get it	
edito	1999-07-15	7 . 1 . 1	get it	
ETSI OAP	1999-08-11	7 . 1 . 2	get it	
ETSI publication	1999-12-29	7 . 1 . 3	get it	
NP-05	1999-10-08	7 . 2 . 0	get it	
smg-30b	1999-12-06	7 . 3 . 0	get it	
NP-06	1999-12-15	7 . 4 . 0	get it	
ETSI publication	2000-09-20	7 . 4 . 2	get it	
smg-31	2000-02-16	7 . 5 . 0	get it	
edito	2000-02-20	7 . 5 . 1	get it	
NP-07	2000-03-15	7 . 6 . 0	get it	
ETSI publicaton	2000-10-05	7 . 6 . 1	get it	
smg-31b	2000-04-17	7 . 7 . 0	get it	
smg-32	2000-06-28	7 . 8 . 0	get it	
GP-01/NP-09	2000-10-12	7 . 9 . 0	get it	
edito	2000-11-02	7 . 9 . 1	get it	
NP-10	2001-01-02	7 . 10 . 0	get it	
GP-04	2001-04-11	7 . 11 . 0	get it	
GP-05	2001-06-18	7 . 12 . 0	get it	
NP-12	2001-07-13	7 . 13 . 0	get it	
GP-06	2001-09-14	7 . 14 . 0	get it	
GP-07	2002-01-04	7 . 15 . 0	get it	
NP-14	2002-01-07	7 . 16 . 0	get it	
GP-08	2002-02-19	7 . 17 . 0	get it	
NP-17	2002-09-17	7 . 18 . 0	get it	
NP-18	2002-12-18	7 . 19 . 0	get it	
correction to	2003-04-25	7 . 19 . 1	get it	
history box				
GP-15	2003-07-10	7 . 20 . 0	get it	
edirial	2003-09-12	7 . 20 . 1	get it	
NP-22	2004-01-05	7 . 21 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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			

TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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>		

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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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		

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> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-29	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</i>								
	smg-29 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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</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:</i> #27: 7.0.0 TSG#8:7.1.0					
	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		G: yes U:	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</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 and					
	smg-31 2000-02-16	7 . 1 . 0	get it	<i>remarks - this release:</i> the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.					
	SP-08 2000-06-21	7 . 2 . 0	get it						
	NP-14 2002-01-10	7 . 3 . 0	get it						

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R98	<i>current version:</i> 7.16.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30	1 . 0 . 0			<i>remarks - general:</i>
	smg-30b 1999-12-06	7 . 0 . 1	get it		<i>remarks - this release:</i>
	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		
	GP-19 2004-05-06	7 . 14 . 0	get it		
	GP-20 2004-07-23	7 . 15 . 0	get it		
	GP-21 2004-09-04	7 . 16 . 0	get it		

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30b 1999-12-06	7 . 0 . 1	get it		<i>remarks - general:</i>
	smg-31b 2000-04-17	7 . 1 . 0	get it		<i>remarks - this release:</i>
	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		

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ACTIVE specs R98 04 .- series
Server location: 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	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI PE 1999-05-25 7 . 0 . 1	get it	<i>remarks - this release:</i> #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			
<hr/>					
TS 04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification				
R98	<i>current version:</i> 7.0.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI PE 1999-05-26 7 . 0 . 1	get it	<i>remarks - this release:</i> #28: 7.0.0		
	ETSI Vote 2000-05-22 7 . 0 . 2	get it			
	ETSI publication 2000-09-05 7 . 0 . 3	get it			
<hr/>					
TS 04.60	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
R98	<i>current version:</i> 7.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-29 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-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			

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Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3						
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i>			
<hr/>							
TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification						
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</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-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				
<hr/>							
TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)						
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.			
	smg-30 1999-11-11 7 . 1 . 0		get it	<i>remarks - this release:</i>			
	post SP-06 1999-12-15 7 . 2 . 0		get it				
	smg-31 2000-02-16 7 . 3 . 0		get it				
<hr/>							
TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3						
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</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 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	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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			
<hr/>						
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	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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			
<hr/>						
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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	Skov			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-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			
<hr/>						
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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R98 04 .- series
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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, comments):
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, comments):
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, comments):
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, comments):
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 (MPPTY) Supplementary Services; Stage 3

R98 *current version: 7.0.1* WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-Mobile International AG
freeze_meeting: smg-29 G: yes U: MCC: KYMALAINEN, Kimmo
history (event, available, version, comments):
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 access.

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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, comments):</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 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, comments):</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 04.87	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, comments):</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:</i> #28: 7.0.0
<hr/>						
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R98	<i>current version:</i> 7.0.1	<i>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, comments):</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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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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*

TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [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* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [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* WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 1999-11-11 7 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 2002-01-04 7 . 2 . 0 [get it](#)

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ACTIVE specs R98 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 *current version: 7.7.0* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

smg-28	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	
smg-30b	1999-12-06	7	3	0	get it	
ETSI publication	2000-07-17	7	3	1	get it	
smg-31	2000-02-16	7	4	0	get it	
ETSI publication	2000-09-29	7	4	1	get it	
smg-31b	2000-04-17	7	5	0	get it	
ETSI publication	2000-10-17	7	5	1	get it	
GP-02	2000-11-24	7	6	0	get it	
edito	2000-11-30	7	6	1	get it	
edito	2001-04-20	7	6	2	get it	
GP-06	2001-10-01	7	7	0	get it	

TS 05.03 Channel coding

R98 *current version: 7.3.1* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

smg-28	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: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0</i>
smg-30	1999-11-11	7	2	0	get it	
smg-31	1999-02-16	7	3	0	get it	
ETSI publication	2001-02-17	7	3	1	get it	

TS 05.04 Modulation

R98 *current version: 7.3.0* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

smg-29	1999-06-25	7	0	0	get it	<i>remarks - general:</i>
ETSI publication	2000-06-20	7	0	1	get it	<i>remarks - this release:</i>
smg-30b	1999-12-06	7	1	0	get it	
ETSI publication	2000-06-20	7	1	1	get it	
GP-03	2001-02-15	7	2	0	get it	
GP-05	2001-06-29	7	3	0	get it	

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ACTIVE specs R98 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R98 *current version: 7.9.0* WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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	1999-12-14	7 . 1 . 1	get it	
smg-30	1999-11-11	7 . 2 . 0	get it	
smg-31	2000-02-16	7 . 3 . 0	get it	
ETSI publication	2000-10-15	7 . 3 . 1	get it	
smg-31b	2000-04-17	7 . 4 . 0	get it	
ETSI publication	2000-10-27	7 . 4 . 1	get it	
GP-01	2000-10-10	7 . 5 . 0	get it	
GP-06	2001-10-01	7 . 6 . 0	get it	
GP-09	2002-05-06	7 . 7 . 0	get it	
GP-10	2002-07-19	7 . 8 . 0	get it	
GP-11	2002-09-19	7 . 9 . 0	get it	

TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0* WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-25		7 . 0 . 0		<i>remarks - general:</i>
smg-29		7 . 1 . 0		<i>remarks - this release:</i>
smg-30		7 . 2 . 0		
smg-30b		7 . 3 . 0		
ETSI publication		7 . 3 . 1		
smg-31b	2000-04-17	7 . 4 . 0	get it	
ETSI publication		7 . 4 . 1		
GP-01	2000-10-10	7 . 5 . 0	get it	
GP-02	2000-11-24	7 . 6 . 0	get it	
edito	2000-11-30	7 . 6 . 1	get it	
GP-06	2001-10-01	7 . 7 . 0	get it	

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ACTIVE specs R98 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.09	Link adaptation				
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29			Skov	
		<i>G: yes U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	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	<i>G: yes U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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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ACTIVE specs R98 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-Mobile International AG	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	Upgrade to Release 2000-03-30 7 . 0 . 0	get it	<i>remarks - general:</i>		
	98		<i>remarks - this release:</i>		
<hr/>					
TR 05.50	Background for RF Requirements				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino	Skov	
	<i>history (event, available, version, comments):</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> #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:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</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:	MCC: USAI, Paolino		
	<i>history (event, available, version, comments):</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.		

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06 .- series

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	S4 / -	<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, comments):</i>					
	smg-28 1999-02-12 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 1999-12-14 7 . 0 . 2			get it	<i>remarks - this release: #28: 7.0.0</i>	
<hr/>						
TS 06.02	Half Rate Speech Processing Functions					
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-28 1999-02-12 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 1999-12-14 7 . 0 . 2			get it	<i>remarks - this release: #28: 7.0.0</i>	
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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: #29: 7.0.0</i>	
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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: #29: 7.0.0</i>	
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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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Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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			
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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>		
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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			
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 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:</i> #29: 7.0.0		
<hr/>					
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 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		
<hr/>					
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 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 06.32	Voice Activity Detection (VAD)				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 1999-06-25 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 2000-01-13 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-29 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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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R98	<i>current version:</i> 7.0.1	<i>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, comments):</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			
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S4	/ -	<i>rapporteur:</i>	JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>			<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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>			
	SP-10 2000-12-20 7 . 2 . 0				get it				

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> #29: 7.0.0	
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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 06.71	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, comments):</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	

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.73	Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec								
R98	<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, comments):</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, comments):</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 vectors 2000-02-04	7 . 0 . 1	get it						
	corrected test vectors 2000-09-14	7 . 0 . 2	get it						
	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, comments):</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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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R98	<i>current version:</i> 7.0.2	<i>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, comments):</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 figures 2002-01-10 7 . 0 . 1			get it		
	refix invisible figures 2002-01-15 7 . 0 . 2			get it		

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, comments):</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		

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, comments):</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

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, comments):</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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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.90	Adaptive Multi-Rate speech transcoding					
R98	<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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				
<hr/>						
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				
<hr/>						
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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				
<hr/>						
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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels
R98 *current version: 7.1.1* *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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, comments):
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, comments):
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, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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ACTIVE specs R98 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R98 *current version:* 7.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-29 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* VOTE, Nicola NTT DoCoMo Inc.
freeze_meeting: SP-08 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: smg-29 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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, comments):
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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-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 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 1999-08-17 7 . 0 . 1 [get it](#) *remarks - this release:*

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R98 *current version:* 7.7.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 Skov

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R98 *current version:* 7.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 Skov

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

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 Peter MOTOROLA A/S
freeze_meeting: smg-29 Skov

G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

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:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

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 Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version, comments):</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:	MCC: BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: THOMASEN, Gert	Skov		
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: THOMASEN, Gert	Skov		
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 (BSC-BTS) Interface Layer 3 Specification				
R98	<i>current version:</i> 7.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version, comments):</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	
<hr/>					
TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version, comments):</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	
<hr/>					
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>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3

R98 *current version:* 7.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 Skov

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	1999-06-25	7	.	0	.	0
smg-30b	1999-12-06	7	.	1	.	0
edito	1999-12-31	7	.	1	.	1
smg-31	2000-02-16	7	.	2	.	0
smg-31b	2000-04-17	7	.	3	.	0
GP-02	2000-11-30	7	.	4	.	0
GP-06	2001-09-14	7	.	5	.	0
GP-07	2002-01-08	7	.	6	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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R98 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-29	1999-06-25	7	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02	Mobile Application Part (MAP) Specification						
R98	<i>current version:</i> 7.15.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	smg-28 1999-02-12	7 . 0 . 0		get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)		
	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 1999-12-13	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			
	edito 2000-09-04	7 . 5 . 1		get it			
	NP-09 2000-11-08	7 . 6 . 0		get it			
	NP-10 2000-12-21	7 . 7 . 0		get it			
	NP-11 2001-04-06	7 . 8 . 0		get it			
	NP-12 2001-07-06	7 . 9 . 0		get it			
	NP-14 2002-01-18	7 . 10 . 0		get it			
	NP-15 2002-04-04	7 . 11 . 0		get it			
	NP-18 2003-01-08	7 . 12 . 0		get it			
	NP-19 2003-04-07	7 . 13 . 0		get it			
	NP-21 2003-10-09	7 . 14 . 0		get it			
	NP-23 2004-03-23	7 . 15 . 0		get it			

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile						
R98	<i>current version:</i> Network (PLMN)	7.0.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David		
	ETSI Secretariat						
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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		

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)						
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat	
	<i>freeze_meeting:</i> smg-29		G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	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, comments):</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, comments):</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, comments):</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, Rouzbeh	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</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					

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R98	<i>current version: Procedures and the Mobile Application Part (MAP)</i>	7.2.0	WG (prime / other):	N4	/-		<i>rapporteur:</i>	KYMALAINEN, Kimmo	
TeliaSonera AB									
	<i>freeze_meeting: smg-29</i>		G: yes	U:		MCC:		KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>								
	smg-29	1999-06-25	7	.	0	.			get it <i>remarks - general:</i>
	NP-06	1999-12-15	7	.	1	.			get it <i>remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0</i>
	NP-11	2001-04-04	7	.	2	.			get it

TS 09.11	Signalling Interworking for Supplementary Services								
R98	<i>current version: 7.0.1</i>		WG (prime / other):	N4	/-		<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-29</i>		G: yes	U:		MCC:		KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>								
	smg-28	1999-02-12	7	.	0	.			get it <i>remarks - general:</i>
	ETSI Publication	1999-03-12	7	.	0	.			get it <i>remarks - this release: #28: 7.0.0</i>

TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R98	<i>current version: 7.0.0</i>		WG (prime / other):	N4	/-		<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-29</i>		G: yes	U:		MCC:		KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>								
	smg-29	1999-06-25	7	.	0	.			get it <i>remarks - general:</i>
									<i>remarks - this release:</i>

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	<i>current version: 7.0.2</i>		WG (prime / other):	TISPAN /	N4		<i>rapporteur:</i>	SPORTON, Simon	VODAFONE Group Plc
	<i>freeze_meeting: smg-29</i>		G: yes	U:		MCC:			
	<i>history (event, available, version, comments):</i>								
	SPS approval	1999-06-30	7	.	0	.			get it <i>remarks - general: EN 302 646</i>
	ETSI publication	2000-09-26	7	.	0	.			get it <i>remarks - this release: (SPAN1)</i>

TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R98	<i>current version: 7.0.1</i>		WG (prime / other):	N1	/-		<i>rapporteur:</i>	DAWES, Peter	VODAFONE LTD
	<i>freeze_meeting: smg-29</i>		G: yes	U:		MCC:		JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>								
	smg-28	1999-02-12	7	.	0	.			get it <i>remarks - general:</i>
	ETSI Publication	1999-08-17	7	.	0	.			get it <i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R98 *current version: 7.5.0* WG (prime / other): N1 / - *rapporteur:* DAWES, Peter VODAFONE LTD
freeze_meeting: smg-29 G: yes U: MCC: JURISIC, Andrijana

history (event, available, version, comments):

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: 7.8.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):

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	
GP-19	2004-05-06	7 . 8 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface					
R98	<i>current version:</i> 7.10.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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>	
	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	get it	prob with figures. Expect an update.	
	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	<i>current version:</i> 7.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</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>	
	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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - general:</i> NP-24: txferred to N4 on closure of N2.					
	NP-08 2000-06-21 7 . 1 . 0		get it	<i>remarks - this release:</i>					
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-28	G: yes U:	<i>MCC:</i> Skov	JURISIC, Andrijana					
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-26 7 . 0 . 0		get it	<i>remarks - general:</i>					
	edito post NP-18 2002-12-16 7 . 0 . 1		get it	<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	minor editorials to change style from TS to TR.				
<hr/>									
TR 09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles								
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> Skov	USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	GP-04 2001-04-20 7 . 0 . 0		get it	<i>remarks - general:</i>					
	GP-07 2002-01-04 7 . 1 . 0		get it	<i>remarks - this release:</i>					
	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	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> YOON, Sang-Ui						
	<i>history (event, available, version, comments):</i>								
	smg-26 1998-09-11 7 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-27 7 . 1 . 0			<i>remarks - this release:</i> #27: 7D1.0	Not available				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1
R98 *current version:* 7.0.0 *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, comments):
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, comments):
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):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 NP /
T2 /
SCP
G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
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.
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](#)

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ACTIVE specs R98 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R98 *current version:* 7.0.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 G3new

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):
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 version
remarks - this release: GP-13: doc becomes pointer to latest Rel 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, comments):

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 access.

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ACTIVE specs R98 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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> BEGASSAT, Christophe	Axalto S.A.					
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC:	JURISIC, Andrijana					
<i>history (event, available, version, comments):</i>									
	T3-16	0 . 2 . 0						<i>remarks - general:</i>	
	TP-10 2001-01-11	1 . 0 . 0						<i>remarks - this release:</i>	
	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						get it
<hr/>									
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, comments):</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>	
	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
<hr/>									
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, comments):</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>	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.18	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, comments):</i>					
	smg-25 1998-03-20 1 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-28 1999-02-12 7 . 0 . 0	get it	<i>remarks - this release:</i> #25: 1.0.0 #28: 7.0.0			
	ETSI Publication 1999-08-17 7 . 0 . 1	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, comments):</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:</i> #28: 7.0.0			
<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, comments):</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, comments):</i>					
	GP-09 2002-05-06 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

R98 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
R98	current version: 7.0.1	WG (prime / other):	S5 / S1 / NP	rapporteur:	TRUSS, Michael	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):					
	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 12.04	Performance data measurements					
R98	current version: 7.0.0	WG (prime / other):	S5 / S1 / NP	rapporteur:	TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-29	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):					
	smg-30 1999-11-11 7 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
TS 12.05	Subscriber Related Call and Event Data					
R98	current version: 7.0.1	WG (prime / other):	S5 / S1	rapporteur:	ALEXANDER, Benni	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):					
	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 12.15	General Packet Radio Service (GPRS); GPRS Charging					
R98	current version: 7.7.0	WG (prime / other):	S5 / -	rapporteur:	ALEXANDER, Benni	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):					
	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:	
	smg-29 1999-06-25 7 . 2 . 0			get it		
	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		

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ACTIVE specs R98 12 .- series
Server location: 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, comments):
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, comments):

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](#)
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R97

R97

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs 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	<i>current version:</i> 6.0.0	<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, comments):</i>					
	SP-20 2003-06-25 6 . 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)					
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>			
<hr/>						
TR 01.04	Abbreviations and acronyms					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 2000-11-15 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MEYER, Juergen	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>			
<hr/>						
TR 01.60	GPRS requirements					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
R97 *current version:* 6.0.1 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 1998-03-20 6 . 0 . 1 [get it](#) *remarks - this release:*

R97 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)
R97 *current version:* 6.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
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, comments):
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, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04	General on Supplementary Services					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-28 1999-02-12 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-29 1999-06-25 6 . 1 . 1	get it				
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WATSON, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1999-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 1999-05-26 6 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-28 1999-02-12 6 . 1 . 0	get it				
	ETSI publication 1999-08-04 6 . 1 . 1	get it				
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TS 02.07	Mobile Station (MS) Features					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WATSON, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-26 1998-06-20 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-07 2000-03-17 6 . 2 . 0	get it				
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TS 02.09	Security aspects					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S3 / S1 / NP	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 1999-05-26 6 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-31 2000-02-16 6 . 1 . 0	get it				
	ETSI publication 2000-08-29 6 . 1 . 1	get it				

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service accessibility					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-26 1998-06-26 6 . 0 . 0				get it	<i>remarks - general:</i>
	SP-11 2001-04-02 6 . 1 . 0				get it	<i>remarks - this release:</i>
<hr/>						
TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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	
<hr/>						
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, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release:</i>
<hr/>						
TS 02.22	Stage 1 for personalisation of GSM ME					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> POIRAUD, Patrick	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release:</i>
<hr/>						
TS 02.24	Description of Charge Advice Information (CAI)					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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>

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
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, comments):</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			
<hr/>						
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 02.40	Procedures for Call Progress Indications					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 02.41	Operator Determined Barring					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WATSON, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i> SMG9->T3@#31		
			<i>remarks - this release:</i>		
<hr/>					
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i> SMG11->S4 at SMG#30		
			<i>remarks - this release:</i> No spec this Release		
<hr/>					
TS 02.60	General Packet Radio Service Stage 1 Description				
R97	<i>current version:</i> 6.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</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> #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0		
	ETSI publication 1998-12-01 6 . 1 . 1	get it			
	smg-28 1999-02-12 6 . 2 . 0	get it			
	ETSI publication 1999-08-04 6 . 2 . 1	get it			
	SP-05 1999-10-14 6 . 3 . 0	get it			
	ETSI publication 2000-11-28 6 . 3 . 1	get it			
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TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1				
R97	<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> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-27 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 1999-09-01 6 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-29 1999-06-25 6 . 1 . 0		get it			
	Editorial correction 1999-07-25 6 . 1 . 1		get it			
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TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-06 6 . 0 . 0		get it	<i>remarks - general:</i>		
	publish EN 300 925 1999-09-01 6 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>		
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R97	<i>current version:</i> 6.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-25 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			
	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					

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.79	Support of Optimal Routing (SOR); Service definition (Stage 1)					
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, comments):</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/>						
TS 02.81	Line Identification Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>						
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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, comments):</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/>						
TS 02.84	MultiParty (MPTY) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IGNATIUS, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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/>						
TS 02.91	Explicit Call Transfer (ECT)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1						
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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 (5.x.y withdrawn) #26: 6.0.1	
<hr/>							
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1						
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	smg-27 1998-10-15 6 . 0 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>	#27: 6.0.0	
<hr/>							
TS 02.96	Name Identification Supplementary Services; Stage 1						
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	CLAYTON, Michael		
	<i>history (event, available, version, comments):</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 (5.0.0 withdrawn) #27: 6.0.1	
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	R97	03 .- series	Server location: http://www.3gpp.org/ftp/Specs/archive/03_series				
TS 03.01	Network Functions						
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	S2 / NP	<i>rapporteur:</i>	GAASVIK, Per-Ola	COMVIQ GSM AB	
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>	SMG3->SA2 @ TSG#7	
	smg-28 1999-02-12 6 . 1 . 0			get it	<i>remarks - this release:</i>	#27: 6.0.0 #28: 6.1.0	
<hr/>							

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i>	MILINSKI, AlexanderSIEMENS AG		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</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> #25: 6.0.0 #26: 6.1.0			
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
R97	<i>current version:</i> 6.8.0	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>					
	smg-25 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				
	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	get it	SA did not approve companion CRs to 02.16.			
	NP-21 2003-10-09 6 . 8 . 0	get it				
<hr/>						
TR 03.05	Technical performance objectives					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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/>						
TS 03.07	Restoration Procedures					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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-29 1999-06-25 6 . 2 . 0	get it				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
R97	current version: 6.6.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	smg-25 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		
	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	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND, Rouzbeh	Ericsson Incorporated
	freeze_meeting: smg-26	G: yes U:		MCC:	JURISIC, Andrijana	
	history (event, available, version, comments):					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #27: 6.0.0	

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version, comments):					
	smg-27 1998-10-18 6 . 0 . 0			get it	remarks - general:	
					remarks - this release:	

TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-Mobile International AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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/>					
TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0	
<hr/>					
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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/>					
TS 03.15	Technical Realization of Operator Determined Barring				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-26 1998-06-26 6 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 1999-06-25 6 . 1 . 0		get it	<i>remarks - this release:</i> #26: 6.0.0 SMG#29: 6.1.0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze_meeting: smg-26

history (event, available, version, comments):

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, comments):

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](#)
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TS 03.20 Security-related Network Functions

R97 current version: 6.1.0

freeze_meeting: smg-26

history (event, available, version, comments):

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, Sebastien France Telecom
G: yes U: MCC: POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26		Skov			
		G: yes U:	MCC:	USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-26 1998-06-26 6 . 0 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and		
	smg-28 1999-02-12 6 . 1 . 0	get it	<i>remarks - this release:</i>	group receive mode".		
	smg-29 1999-06-26 6 . 2 . 0	get it				
	SP-11 2001-04-11 6 . 3 . 0	get it				
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26		Skov			
		G: yes U:	MCC:	USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26		USAI, Paolino			
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:			
	smg-26 1998-06-26 6 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial update 1998-07-26 6 . 0 . 1	get it	<i>remarks - this release:</i>	#26: 6.0.0		
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> smg-26		YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:			
	smg-27 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26		JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:			
	smg-27 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>	#27: 6.0.0		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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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	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	#27: 6.0.0			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)				
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				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	RODERMUND, Friedhelm	
	smg-27 1998-10-16 6 . 0 . 0				get it <i>remarks - general:</i>
					<i>remarks - this release:</i>
<hr/>					
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	BOSWARTHICK, David	
	smg-27 1998-10-16 6 . 0 . 0				get it <i>remarks - general:</i>
	Editorial correction 1998-10-16 6 . 0 . 1				get it <i>remarks - this release:</i>
<hr/>					
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent				
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>history (event, available, version, comments):</i>	G: yes U:	MCC:	BOSWARTHICK, David	
	smg-27 1998-10-16 6 . 0 . 0				get it <i>remarks - general:</i>
					<i>remarks - this release:</i>
<hr/>					
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)				
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				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	RODERMUND, Friedhelm	
	smg-27 1998-10-16 6 . 0 . 0				get it <i>remarks - general:</i>
					<i>remarks - this release:</i>
<hr/>					
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2				
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	JURISIC, Andrijana	
	smg-25 1998-03-20 6 . 0 . 0				get it <i>remarks - general:</i> SMG9->T3@#31
	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

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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, comments):</i>	G: yes U:	MCC:	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	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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	G: yes U:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</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	G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</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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ACTIVE specs R97 03 .- series
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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:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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:* JACOB SOHN, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-27	1998-10-16	6 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R97	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 1998-06-26 6 . 0 . 1	get it	<i>remarks - this release:</i>		
	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	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-07 2000-03-17 6 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R97	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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 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	<i>current version:</i> 6.4.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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> #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 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [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 *WG (prime / other):* N4 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:* NP-24: txferred to N4 on closure of N2.
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:*
ETSI publication 1998-08-27 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](#)
smg-29 1999-06-25 6 . 4 . 0 [get it](#)
NP-05 1999-10-13 6 . 5 . 0 [get it](#)
NP-07 2000-03-17 6 . 6 . 0 [get it](#)
NP-08 2000-06-23 6 . 7 . 0 [get it](#)
NP-10 2001-01-04 6 . 8 . 0 [get it](#)
NP-12 2001-06-29 6 . 9 . 0 [get it](#)
edito 2001-07-02 6 . 9 . 1 [get it](#)
NP-14 2002-01-04 6 . 10 . 0 [get it](#)
NP-16 2002-06-17 6 . 11 . 0 [get it](#)
Editorial correction 2002-08-21 6 . 11 . 1 [get it](#)
to SDLs

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R97 *current version:* 6.3.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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 TSG#5: 6.2.0 TSG#7: 6.3.0
NP-05 1999-10-13 6 . 2 . 0 [get it](#)
NP-07 2000-03-17 6 . 3 . 0 [get it](#)

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TS 03.81	Line Identification Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i>
	smg-29 1999-06-25 6 . 1 . 0				get it	<i>remarks - this release:</i> #27: 6.0.0 #29: 6.1.0
<hr/>						
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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/>						
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0
<hr/>						
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>

G = required in systems with GERAN access; U = required in systems with UMTS access.

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TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mmO2 plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-25 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: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0</i>
	smg-27 1998-10-16 6 . 2 . 0				get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-25 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 Peter MOTOROLA A/S
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: 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, comments):
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, comments):
smg-27 1998-10-16 6 . 0 . 0
Editorial correction 1998-11-16 6 . 0 . 1

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S 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, comments):
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 Peter MOTOROLA A/S 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 access.

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TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 *current version:* 6.5.1
freeze_meeting: smg-26

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R97 *current version:* 6.21.1

freeze_meeting: smg-26

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
remarks - this release: (even numbered CRs!)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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>	
<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:</i> yes <i>U:</i>	<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</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>	
	NP-09 2000-10-12 6 . 1 . 0	get it			
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) 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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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> #27: 6.0.0	
<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> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-26	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	smg-27 1998-10-16 6 . 0 . 0	get it		<i>remarks - general:</i>	
	Editorial correction 1998-10-16 6 . 0 . 1	get it		<i>remarks - this release:</i> #27: 6.0.0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R97	<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, comments):</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, comments):</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:</i> #27: 6.0.0 TSG#8:6.1.0		
<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, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

draft	1997-12-20	0	.	0	.	0		get it	<i>remarks - general:</i>
draft	1998-03-20	1	.	0	.	0		get it	<i>remarks - this release:</i>
draft	1998-03-20	2	.	0	.	0		get it	
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	
ETSI publication	1999-06-14	6	.	3	.	1		get it	
smg-29	1999-06-25	6	.	4	.	0		get it	
ETSI publication	1999-12-16	6	.	4	.	1		get it	
smg-30	1999-11-11	6	.	5	.	0		get it	
smg-30b	1999-12-06	6	.	6	.	0		get it	
ETSI publication	2000-07-05	6	.	6	.	1		get it	
smg-31	2000-02-16	6	.	7	.	0		get it	
ETSI publication	2000-09-29	6	.	7	.	1		get it	
smg-31b	2000-04-17	6	.	8	.	0		get it	
ETSI publication	2000-10-17	6	.	8	.	1		get it	
smg-32	2000-06-20	6	.	9	.	0		get it	
GP-01	2000-10-11	6	.	10	.	0		get it	
GP-02	2000-11-27	6	.	11	.	0		get it	
GP-03	2001-01-31	6	.	12	.	0		get it	
GP-04	2001-05-04	6	.	13	.	0		get it	
GP-10	2002-07-19	6	.	14	.	0		get it	

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
R97	<i>current version:</i> 6.10.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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			
	NP-06 1999-12-17 6 . 6 . 0	get it			
	smg-31 2000-02-16 6 . 7 . 0	get it			
	NP-10 2001-01-02 6 . 8 . 0	get it			
	NP-13 2001-10-02 6 . 9 . 0	get it			
	NP-14 2002-01-04 6 . 10 . 0	get it			

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)				
R97	<i>current version:</i> 6.7.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.	
	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			
	NP-06 1999-12-17 6 . 6 . 0	get it			
	smg-31 2000-02-16 6 . 7 . 0	get it			

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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>	#27: 6.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68	Group Call Control (GCC) Protocol					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-29 1998-06-25 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-30 1999-11-11 6 . 2 . 0		get it			
	NP-07 2000-03-17 6 . 3 . 0		get it			
<hr/>						
TS 04.69	Broadcast Call Control (BCC) protocol					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-29 1999-06-25 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-30 1999-11-11 6 . 2 . 0		get it			
	NP-07 2000-03-17 6 . 3 . 0		get it			
<hr/>						
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R97	<i>current version:</i> 6.1.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 . 1 . 1		get it			
	editorial 2003-10-09 6 . 1 . 2		get it			
<hr/>						
TS 04.81	Line Identification Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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> #27: 6.0.0		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>
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TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>
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TS 04.84	Multi Party (MPY) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>
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TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0				get it	<i>remarks - general:</i>
						<i>remarks - this release: #27: 6.0.0</i>
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TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 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: #27: 6.0.0</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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			
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TS 04.90	Unstructured Supplementary Service Data (USSD)					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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> #27: 6.0.0			
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TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0	get it	<i>remarks - general:</i>			
	<to be defined> 1998-11-16 6 . 0 . 1	get it	<i>remarks - this release:</i> #27: 6.0.0			
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TS 04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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> #25: 6.0.0 #26: 6.1.0 #28:6.1.1			
	smg-28 1999-02-12 6 . 1 . 1	get it				
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TS 04.96	Name Identification Supplementary Services; Stage 3					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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> #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 05 .- series
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R97 **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R97 *current version:* 6.1.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-24 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, comments):
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 access.

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding					
R97	<i>current version:</i> 6.2.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-24 1997-12-19 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-25 1998-03-20 6 . 1 . 0		get it	<i>remarks - this release:</i> #24: 6.0.0 #25: 6.1.0 #28: 6.2.0		
	smg-28 1999-02-12 6 . 2 . 0		get it			
	ETSI Publication 1999-03-12 6 . 2 . 1		get it			
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TS 05.04	Modulation					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 1999-02-09 6 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-30b 1999-12-06 6 . 1 . 0		get it			
	ETSI publication 2000-06-20 6 . 1 . 1		get it			
<hr/>						
TS 05.05	Radio Transmission and Reception					
R97	<i>current version:</i> 6.8.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-24 1997-12-19 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-25 1998-03-20 6 . 1 . 0		get it	<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			
	ETSI publication 1999-03-09 6 . 3 . 1		get it			
	smg-28 1999-02-12 6 . 4 . 0		get it			
	ETSI publication 1999-06-04 6 . 4 . 1		get it			
	smg-29 1999-06-25 6 . 5 . 0		get it			
	ETSI publication 1999-12-14 6 . 5 . 1		get it			
	smg-30 1999-11-11 6 . 6 . 0		get it			
	smg-31 2000-02-16 6 . 7 . 0		get it			
	ETSI publication 2000-09-29 6 . 7 . 1		get it			
	GP-01 2000-10-09 6 . 8 . 0		get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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, comments):

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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TS 05.10 Radio subsystem synchronization

R97 *current version:* 6.7.0

freeze_meeting: smg-26

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14	Release independent frequency bands; Implementation guidelines					
R97	<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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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. R97		
Changed from G2 to G1 at same time.						
	GP-10 2002-07-19 6 . 2 . 0	get it		record created at same time (originally was only R99 and R98).		
<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 International AG	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 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 Peter		MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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.		

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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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:</i>	
<hr/>						
TS 06.02	Half Rate Speech Processing Functions					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> #27: 6.0.0	
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> #27: 6.0.0	
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TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> #27: 6.0.0	
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> #27: 6.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-32 2000-06-20 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	ETSI Publication 2000-11-30 6 . 1 . 1		get it			
	SP-12 2001-06-29 6 . 2 . 0		get it			
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TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>		
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>		
	SP-12 2001-06-29 6 . 1 . 0		get it			
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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: #27: 6.0.0</i>		
<hr/>						
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 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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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, comments):</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>	
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	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>	
<hr/>						
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, comments):</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>	
<hr/>						
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-27 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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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.51	GSM Enhanced full rate speech processing functions: General description					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 1999-06-04 6 . 0 . 1			get it	<i>remarks - this release:</i> #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0	
	smg-32 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	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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:</i>	

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 1999-09-01 6 . 0 . 1			get it	<i>remarks - this release:</i>	
	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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 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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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>	
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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>	
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 1999-06-04 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>	
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TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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: #27: 6.0.0 #30: 6.1.0</i>	
	ETSI Publication 2000-05-09 6 . 1 . 1			get it		
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 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, comments):
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, comments):
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, comments):
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, comments):
smg-26 1998-06-26 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

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ACTIVE specs R97 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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:* VOTE, Nicola NTT DoCoMo Inc.
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):
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-29 1999-06-25 6 . 3 . 0
TP-05 1999-10-08 6 . 4 . 0
TP-11 2001-04-06 6 . 5 . 0

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[get it](#) *remarks - this release:*
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[get it](#)
[get it](#)
[get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):
smg-24 1998-01-19 2 . 0 . 0
draft 1998-03-10 2 . 2 . 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
TP-05 1999-10-08 6 . 4 . 0
TP-15 2002-03-26 6 . 5 . 0

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ACTIVE specs R97 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R97 *current version:* 6.5.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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-29	1999-06-25	6	.	3	.	0
NP-05	1999-10-08	6	.	4	.	0
NP-06	1999-12-15	6	.	5	.	0

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remarks - general:

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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

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08 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-27	1998-10-16	6	.	0	.	0
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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 Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-27	1998-10-16	6	.	0	.	0
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ACTIVE specs R97 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R97 *current version:* 6.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-31b 2000-04-17 6 . 5 . 0 [get it](#) *remarks - general:*
remarks - this release:

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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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ACTIVE specs R97 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 Ltd	
	<i>freeze_meeting:</i> smg-26				
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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				
		G: yes U:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles
R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits
R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.56 BSC-BTS Layer 2; Specification
R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification
R97 *current version:* 6.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
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:* #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0
smg-29 1999-06-25 6 . 2 . 0 [get it](#)
smg-30 1999-11-11 6 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):
smg-27 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 Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):
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, comments):
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 access.

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ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02	Mobile Application Part (MAP) Specification						
R97	<i>current version:</i> 6.14.0	WG (prime / other):	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>						
	smg-25 1998-03-20	6 . 0 . 0		get it	<i>remarks - general:</i>	CN->N4 Apr00 (JMM)	
	smg-26 1998-06-26	6 . 1 . 0		get it	<i>remarks - this release:</i>		
	edito 1998-09-09	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			
	smg-29 1999-06-25	6 . 4 . 0		get it			
	NP-05 1999-10-08	6 . 5 . 0		get it			
	NP-06 1999-12-15	6 . 6 . 0		get it			
	NP-07 2000-03-15	6 . 7 . 0		get it			
	NP-08 2000-06-21	6 . 8 . 0		get it			
	NP-09 2000-11-08	6 . 9 . 0		get it			
	NP-10 2000-12-21	6 . 10 . 0		get it			
	NP-11 2001-04-06	6 . 11 . 0		get it			
	NP-15 2002-04-04	6 . 12 . 0		get it			
	NP-19 2003-04-07	6 . 13 . 0		get it			
	NP-21 2003-10-09	6 . 14 . 0		get it			

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile						
R97	<i>current version:</i> Network (PLMN)	6.0.0	WG (prime / other):	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, comments):</i>						
	smg-27 1998-10-16	6 . 0 . 0		get it	<i>remarks - general:</i>	N3: "no R99 needed".	
					<i>remarks - this release:</i>	#27: 6.0.0	

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)						
R97	<i>current version:</i> 6.0.0		WG (prime / other):	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, comments):</i>						
	smg-27 1998-10-16	6 . 0 . 0		get it	<i>remarks - general:</i>	N3: "no R99 needed".	
					<i>remarks - this release:</i>	#27: 6.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	<i>current version:</i> 6.0.0	WG (prime / other):	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#27: 6.0.0			
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R97	<i>current version:</i> Switched Data Transmission Services	6.0.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#27: 6.0.0			
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R97	<i>current version:</i> Network (PSTN)	6.2.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-29 1999-06-25 6 . 1 . 0			get it	<i>remarks - this release:</i>	#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0			
	NP-06 1999-12-15 6 . 2 . 0			get it					
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R97	<i>current version:</i> 6.0.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	smg-27 1998-10-16 6 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	#27: 6.0.0			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling						
R97	<i>current version: Procedures and the Mobile Application Part (MAP)</i>	6.2.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo
TeliaSonera AB							
	<i>freeze_meeting: smg-26</i>		G: yes	U:	MCC:		KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i>						
	smg-25 1998-03-20 6 . 0 . 0					get it	<i>remarks - general:</i>
	smg-29 1999-06-25 6 . 1 . 0					get it	<i>remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0</i>
	NP-11 2001-04-04 6 . 2 . 0					get it	
<hr/>							
TS 09.11	Signalling Interworking for Supplementary Services						
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-26</i>		G: yes	U:	MCC:		KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i>						
	smg-26 1998-06-26 6 . 0 . 0					get it	<i>remarks - general:</i>
							<i>remarks - this release: #26: 6.0.0</i>
<hr/>							
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols						
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich Gesellschaft für Kommunikations Software
	<i>freeze_meeting: smg-26</i>		G: yes	U:	MCC:		KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i>						
	smg-27 1998-10-16 6 . 0 . 0					get it	<i>remarks - general:</i>
							<i>remarks - this release:</i>
<hr/>							
TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification						
R97	<i>current version: 6.1.0</i>		WG (prime / other):	N1	/-	<i>rapporteur:</i>	DAWES, Peter VODAFONE LTD
	<i>freeze_meeting: smg-26</i>		G: yes	U:	MCC:		JURISIC, Andrijana
	<i>history (event, available, version, comments):</i>						
	smg-25 1998-03-20 6 . 0 . 0					get it	<i>remarks - general:</i>
	smg-28 1999-02-12 6 . 1 . 0					get it	<i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
R97	<i>current version:</i> 6.7.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-26	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-25 1998-02-20 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-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 GTP across the Gn and Gp Interface				
R97	<i>current version:</i> 6.13.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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		
	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 visible 2001-08-09 6 . 10 . 1		get it		
	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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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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:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-25	1998-03-20	6 . 0 . 0	get it	<i>remarks - general:</i>
	smg-26		6 . 1 . 0		<i>remarks - this release:</i> not issued, w/proc compatibility probs
	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> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-26	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-25	1998-03-20	6 . 0 . 0	get it	<i>remarks - general:</i> NP-24: txferred to N4 on closure of N2.
	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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-24	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JURISIC, Andrijana	Skov	
	<i>history (event, available, version, comments):</i>				
	smg-27		6 . 0 . 0		withdrawn SMG-30; ; reinstated NP-16
	NP-16	2002-06-26	6 . 1 . 0	get it	
	edito post NP-18	2002-12-16	6 . 1 . 1	get it	minor editorials to change style from TS to TR.
					<i>remarks - general:</i>
					<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.
<hr/>					

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles

R97 *current version:* 6.3.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-04	2001-04-20	6	.	0	.	0
GP-07	2002-01-04	6	.	1	.	0
GP-08	2002-02-19	6	.	2	.	0
GP-12	2003-01-03	6	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-28	1999-02-12	6	.	0	.	0
NP-05	1999-10-08	6	.	1	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R97 *current version:* 6.4.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26 NP /

T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

smg-28 1999-02-12 6 . 0 . 0
smg-29 1999-06-25 6 . 1 . 0
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](#)

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[get it](#)

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
remarks - this release: #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases. by Rel-

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 G3new

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version, comments):

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 version
remarks - this release: GP-13: doc becomes pointer to latest Rel 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, comments):

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](#)

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[get it](#)

remarks - general:
remarks - this release: #32:frozen

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R97 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface
R97 *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
history (event, available, version, comments):
G: yes U: *MCC:* JURISIC, Andrijana
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,
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-09 2002-05-06 6 . 0 . 0 [get it](#) *remarks - general:*
edito (correction of 2002-06-18 6 . 0 . 1 [get it](#) *remarks - this release:* GP-09 (Usai) created to fill the Release gap.
version on cover)

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, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs R97 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.11	Fault management of the Base Station System (BSS)					
R97	<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, comments):</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, comments):</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, comments):</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 access.

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ACTIVE specs R96 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						
R96	<i>current version:</i> 5.0.0	<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, comments):</i>						
	SP-20 2003-06-25 5 . 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)						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / GP / NP	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	smg-17 1996-02-02 5 . 0 . 0			get it	<i>remarks - general:</i>		
	smg-20 1996-10-11 5 . 0 . 1				<i>remarks - this release:</i>		
	ETSI publication 2001-10-30 5 . 0 . 2			get it			
<hr/>							
TR 01.04	Abbreviations and acronyms						
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-17 1996-02-02 5 . 0 . 0			get it	<i>remarks - general:</i>		
	smg-20 1996-10-11 5 . 0 . 1			get it	<i>remarks - this release:</i>		
	ETSI publication 2001-10-30 5 . 0 . 2			get it			
<hr/>							
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study						
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	MEYER, Juergen	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>						
	smg-19 1996-06-28 5 . 0 . 0			get it	<i>remarks - general:</i>		
	smg-20 1996-11-11 5 . 0 . 1			get it	<i>remarks - this release:</i>		

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02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-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-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	<i>current version:</i> 5.3.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	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 . 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	<i>current version:</i> 5.3.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-17 1997-02-02	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 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 access; U = required in systems with UMTS access.

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ACTIVE specs R96 02 .- series
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TS 02.04 General on Supplementary Services

R96 *current version:* 5.7.4
freeze_meeting: smg-22
history (event, available, version, comments):

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	1996-04-14	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	1997-08-28	5	.	5	.	1	get it	
smg-22	1997-06-13	5	.	6	.	0	get it	
ETSI OAP	1997-09-19	5	.	6	.	1	get it	
ETSI publication	1998-02-27	5	.	6	.	2	get it	
smg-23	1997-10-17	5	.	7	.	0	get it	
smg-25	1998-03-20	5	.	7	.	1	get it	
ETSI publication	1998-02-01	5	.	7	.	2	get it	
smg-29	1999-06-25	5	.	7	.	3	get it	
ETSI publication	1999-12-29	5	.	7	.	4	get it	

TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version, comments):

smg-20	1996-10-11	5	.	0	.	0	get it	<i>remarks - general:</i>
ETSI publication	1997-05-02	5	.	0	.	1	get it	<i>remarks - this release:</i>
smg-21	1997-02-14	5	.	1	.	0	get it	
ETSI publication	1997-08-26	5	.	1	.	1	get it	
smg-28	1999-02-12	5	.	2	.	0	get it	
ETSI publication	1999-08-04	5	.	2	.	1	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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TS 02.07	Mobile Station (MS) Features						
R96	<i>current version:</i> 5.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WATSON, John	VODAFONE Group Plc			
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	smg-17 1996-02-02	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 . 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				

TS 02.09	Security aspects						
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S3 / S1 / NP	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	smg-20 1996-10-11	5 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 1997-05-02	5 . 0 . 1	get it	<i>remarks - this release:</i>			
	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				

TS 02.11	Service accessibility						
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA			
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	smg-20 1996-10-11	5 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 1997-05-02	5 . 0 . 1	get it	<i>remarks - this release:</i>			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-30 1999-11-11 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-08 2000-06-23 5 . 2 . 0		get it			
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 1997-05-02 5 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-27 1998-10-16 5 . 1 . 0		get it			
	ETSI publication 1999-04-08 5 . 1 . 1		get it			
<hr/>						
TS 02.22	Stage 1 for personalisation of GSM ME					
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> POIRAUD, Patrick	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 . 2 . 0		get it			
	smg-23 1997-10-17 5 . 3 . 0		get it			
	smg-25 1998-03-20 5 . 3 . 1		get it			
	smg-26 1998-06-26 5 . 4 . 0		get it			
<hr/>						
TS 02.24	Description of Charge Advice Information (CAI)					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> 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, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 1997-05-02 5 . 0 . 1		get it	<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96	<i>current version:</i> 5.7.1	WG (prime / other):	S1 /	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-22	G: yes U:		MCC:	CLAYTON, Michael	
<i>history (event, available, version, comments):</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 . 3 . 1	get it		
ETSI publication		1997-05-02	5 . 3 . 2	get it		
	smg-21	1997-02-14	5 . 4 . 0	get it		
ETSI publication		1997-08-26	5 . 4 . 1	get it		
	smg-22	1997-06-13	5 . 5 . 0	get it		
	ETSI OAP	1997-09-19	5 . 5 . 1	get it		
ETSI publication		1998-02-27	5 . 5 . 2	get it		
	smg-23	1997-10-17	5 . 6 . 0	get it		
	edito	1998-01-06	5 . 6 . 1	get it		
	smg-24	1997-12-19	5 . 6 . 2	get it		
	smg-28	1999-02-12	5 . 7 . 0	get it		
ETSI publication		1999-08-04	5 . 7 . 1	get it		

TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96	<i>current version:</i> 5.2.1	WG (prime / other):	S1 /	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation
	<i>freeze_meeting:</i> smg-22	G: yes U:		MCC:	CLAYTON, Michael	
<i>history (event, available, version, comments):</i>						
	draft	1995-10-31	0 . 0 . 0	get it	<i>remarks - general:</i>	
	draft	1996-02-13	0 . 1 . 0	get it	<i>remarks - this release:</i>	
	draft	1996-06-19	0 . 2 . 0	get it		
	draft	1996-02-13	0 . 5 . 0	get it		
	smg-20	1996-10-09	5 . 0 . 0	get it		
ETSI publication		1996-11-28	5 . 0 . 1	get it		
	smg-21	1997-02-14	5 . 1 . 0	get it		
	smg-22	1997-06-13	5 . 2 . 0	get it		
ETSI publication		1997-08-04	5 . 2 . 1	get it		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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TS 02.40	Procedures for Call Progress Indications					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> 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, comments):</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, comments):</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, comments):</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, comments):</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 access.

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TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-16	1995-10-20	5	.	0	.	0	get it <i>remarks - general:</i>
smg-19	1996-06-28	5	.	0	.	1	get it <i>remarks - this release:</i>
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, comments):

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-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 300 925	1998-12-01	5	.	2	.	1	get it

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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: #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0</i>
smg-20	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 access; U = required in systems with UMTS access.

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TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-19 1996-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 1996-10-11 5 . 1 . 0	get it	<i>remarks - this release:</i>		
	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 Routing (SOR); Service definition (Stage 1)				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-19 1996-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 1996-10-11 5 . 1 . 0	get it	<i>remarks - this release:</i> #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	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-24 1997-12-19 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0		

TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	smg-16 1995-10-20 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #16: 5.0.0		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R96	<i>current version:</i> 5.0.0	<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, comments):</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 02.84	MultiParty (MPTY) Supplementary Services; Stage 1					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R96	<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> smg-22	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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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, comments):
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, comments):
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, comments):
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](#)

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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, comments):
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 access.

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TS 03.02	Network Architecture				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i>	MILINSKI, AlexanderSIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i>				
	smg-17 1996-02-02 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-18 1996-04-12 5 . 1 . 0	get it	<i>remarks - this release:</i>	#17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0	
	smg-23 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	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>				
	smg-17 5 . 0 . 0		<i>remarks - general:</i>		
	ETSI OAP 1996-11-25 5 . 0 . 1	get it	<i>remarks - this release:</i>		
	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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>				
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>	#20: 5.0.0	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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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	G: yes U:	MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	smg-20 1996-10-11 5 . 0 . 0	get it	remarks - general:				
	smg-23 1997-10-17 5 . 1 . 0	get it	remarks - this release:				

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	G: yes U:	MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	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-23 1997-10-17 5 . 2 . 0	get it					

TS 03.09	Handover Procedures						
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>						
	smg-18 1996-04-12 5 . 0 . 0	get it	remarks - general:				
	smg-22 1997-06-13 5 . 1 . 0	get it	remarks - this release: #18: 5.0.0 #22: 5.1.0				

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	G: yes U:	MCC:	BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>						
	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:				
	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					

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TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 1997-06-03 5 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TS 03.12	Location Registration Procedures					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #20: 5.0.0		
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TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-17 1996-02-02 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #17: 5.0.0		
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TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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 03.15	Technical Realization of Operator Determined Barring					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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> #16: 5.0.0 #21: 5.1.0		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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TS 03.16	Subscriber Data Management				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-18 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> #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0		
	smg-23 1997-10-17 5 . 2 . 0	get it			
	smg-26 1998-06-26 5 . 3 . 0	get it			
<hr/>					
TS 03.18	Basic Call Handling				
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	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			
	smg-24 1997-12-19 5 . 3 . 0	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			
<hr/>					
TS 03.20	Security-related Network Functions				
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-20 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#29: CRs but postponed, then forgotten!		
	smg-23 1997-10-17 5 . 2 . 0	get it			
	smg-29 1999-06-25 5 . 2 . 1	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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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 Peter	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-22				Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-22				Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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			

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TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 *current version:* 5.2.0 *WG (prime / other):* N1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-21 1997-02-14 5 . 0 . 0 [get it](#) *remarks - general:*
smg-26 1998-06-26 5 . 1 . 0 [get it](#) *remarks - this release:* #21: 5.0.0 #26: 5.1.0 #28: 5.2.0
smg-28 1999-02-12 5 . 2 . 0 [get it](#)

TS 03.38 Alphabets and language-specific information

R96 *current version:* 5.6.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0
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 5 . 4 . 1
smg-21 1997-02-14 5 . 5 . 0 [get it](#)
ETSI publication 5 . 5 . 1
smg-22 1997-06-13 5 . 6 . 0 [get it](#)
Editorial correction 1997-07-13 5 . 6 . 1 [get it](#)

TS 03.40 Technical realization of the Short Message Service (SMS)

R96 *current version:* 5.8.1 *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, comments):
smg-16 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
smg-17 1996-02-02 5 . 1 . 0 [get it](#) *remarks - this release:*
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-26 1998-06-26 5 . 8 . 0 [get it](#)
Editorial change 1998-07-26 5 . 8 . 1 [get it](#)

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TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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, comments):

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, comments):

smg-20	1996-10-11	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R96	<i>current version:</i> 5.0.0	<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, comments):</i>	<i>G:</i> yes	<i>U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm			
	smg-20 1996-10-11 5 . 0 . 0						get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i>	N3	/ -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes	<i>U:</i>		<i>MCC:</i>	BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>								
	smg-20 1996-10-11 5 . 0 . 0						get it	<i>remarks - general:</i>	
	ETSI publication 1997-05-02 5 . 0 . 1						get it	<i>remarks - this release:</i>	
	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		
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N3	/ -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes	<i>U:</i>		<i>MCC:</i>	BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>								
	smg-20 1996-10-11 5 . 0 . 0						get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	T2	/ -	<i>rapporteur:</i>	RODERMUND, Friedhelm Vodafone D2 GmbH			
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes	<i>U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm			
	smg-20 1996-10-11 5 . 0 . 0						get it	<i>remarks - general:</i>	<i>remarks - this release:</i>

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm	
	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-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		
<hr/>					
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>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	smg-17 1996-02-02 5 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-20 1996-10-11 5 . 0 . 1		get it	<i>remarks - this release:</i> #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0	
	smg-24 1997-12-19 5 . 0 . 3		get it		
	smg-25 1998-03-20 5 . 1 . 0		get it		
	smg-27 1998-10-16 5 . 2 . 0		get it		
	smg-28 1999-02-12 5 . 3 . 0		get it		
	smg-32 2000-06-20 5 . 4 . 0		get it		
<hr/>					
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>				
	smg-23 1997-10-17 5 . 1 . 0		get it	<i>remarks - general:</i>	
	smg-24 1997-12-19 5 . 2 . 0		get it	<i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0	

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TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2						
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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, comments):</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>	JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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TS 03.69	Voice Broadcast service (VBS); Stage 2								
R96	<i>current version:</i> 5.6.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk				DETECON GMBH
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</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>	#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0	
	smg-20	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	1999-10-23	5 . 4 . 1		get it				
	smg-26	1998-06-26	5 . 5 . 0		get it				
	ETSI publication	1998-12-10	5 . 5 . 1		get it				
	NP-21	2003-10-13	5 . 6 . 0		get it				

TS 03.70	Routing of Calls to/from Public Data Networks (PDN)								
R96	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David				ETSI Secretariat
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, comments):</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	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R96 *current version:* 5.8.0 *WG (prime / other):* N4 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-21	1997-02-14	5	.	0	.	0	get it	<i>remarks - general:</i>	NP-24: txferred to N4 on closure of N2.
ETSI publication	1997-04-23	5	.	0	.	1	get it	<i>remarks - this release:</i>	
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

history (event, available, version, comments):

smg-21	1997-02-14	5	.	0	.	0	get it	<i>remarks - general:</i>	
ETSI publication	1997-05-02	5	.	0	.	1	get it	<i>remarks - this release:</i>	#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, comments):

smg-20	1996-10-11	5	.	0	.	0	get it	<i>remarks - general:</i>	
smg-24	1997-12-19	5	.	1	.	0	get it	<i>remarks - this release:</i>	#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 access.

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0					get it <i>remarks - general:</i>
	ETSI Publication 2000-11-28 5 . 0 . 1					get it <i>remarks - this release:</i> #20: 5.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 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, comments):
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 mmO2 plc
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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, comments):
smg-16 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-04-12 5 . 0 . 1 [get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.0.1 #19: 5.0.2
smg-19 1996-06-28 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 Peter MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* Skov JURISIC, Andrijana
history (event, available, version, comments):
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 access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	smg-18 1996-04-12 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #18: 5.0.0		
<hr/>					
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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-22 1997-06-13 5 . 2 . 0	get it			
	smg-24 1997-12-19 5 . 3 . 0	get it			
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 1997-05-02 5 . 0 . 1	get it	<i>remarks - this release:</i>		
	smg-24 1997-12-19 5 . 1 . 0	get it			
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-20 1996-10-11 5 . 0 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 *current version:* 5.4.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-20	1996-10-11	5	.	0	.	0	get it <i>remarks - general:</i>
ETSI publication	1997-05-02	5	.	0	.	1	get it <i>remarks - this release:</i>
smg-21	1997-02-14	5	.	1	.	0	get it
ETSI publication	1997-09-15	5	.	1	.	1	get it
smg-25	1998-03-20	5	.	2	.	0	get it
ETSI publication	1998-10-23	5	.	2	.	1	get it
smg-29	1999-06-25	5	.	3	.	0	get it
ETSI publication	1999-12-22	5	.	3	.	1	get it
smg-31	2000-02-16	5	.	4	.	0	get it
ETSI Publication	2000-11-28	5	.	4	.	1	get it

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-22

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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-20	1996-10-11	5	.	1	.	1	get it
ETSI publication	1997-05-05	5	.	1	.	2	get it
smg-21	1997-02-14	5	.	2	.	0	get it
ETSI publication	1997-12-19	5	.	2	.	1	get it
smg-24	1997-12-19	5	.	3	.	0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R96 *current version: 5.20.0*

freeze_meeting: smg-22

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd

G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-16	1995-10-20	5 . 0 . 0	get it	<i>remarks - general:</i>	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
smg-17	1996-02-02	5 . 1 . 0	get it	<i>remarks - this release:</i>	(even numbered CRs!)
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	1997-05-13	5 . 4 . 1	get it		
smg-21	1997-02-14	5 . 5 . 0	get it		
smg-22	1997-06-13	5 . 6 . 0	get it		
ETSI OAP	1997-09-19	5 . 6 . 2	get it		
ETSI publication	1998-02-27	5 . 6 . 3	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		
ETSI publication	1998-10-23	5 . 9 . 1	get it		
smg-26	1998-06-26	5 . 10 . 0	get it		
ETSI publication	1998-12-16	5 . 10 . 1	get it		
smg-27	1998-10-16	5 . 11 . 0	get it		
ETSI publication	1999-03-23	5 . 11 . 1	get it		
smg-28	1999-02-12	5 . 12 . 0	get it		
smg-29	1999-06-25	5 . 13 . 0	get it		
ETSI publication	1999-12-22	5 . 13 . 1	get it		
smg-30	1999-11-11	5 . 14 . 0	get it		
ETSI publication	2000-05-09	5 . 14 . 1	get it		
NP-07	2000-03-15	5 . 15 . 0	get it		
ETSI publication	2000-10-05	5 . 15 . 1	get it		
smg-31b	2000-04-17	5 . 16 . 0	get it		
smg-32	2000-06-20	5 . 17 . 0	get it		
GP-01	2000-10-12	5 . 18 . 0	get it		
edito	2000-11-02	5 . 18 . 1	get it		
NP-18	2002-12-18	5 . 19 . 0	get it		
GP-15	2003-07-10	5 . 20 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* Skov KYMALAINEN, Kimmo

history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
edito 1996-10-11 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R96 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-22 G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):
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 . 2 . 0 [get it](#)
ETSI publication 1997-09-15 5 . 2 . 1 [get it](#)
NP-09 2000-10-24 5 . 3 . 0 [get it](#)

TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R96 *current version:* 5.0.2 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
smg-19 1996-06-28 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 1996-10-11 5 . 0 . 1 [get it](#) *remarks - this release:* #19: 5.0.0 #20: 5.0.1
ETSI Publication 2000-11-28 5 . 0 . 2 [get it](#)

TS 04.13 Performance Requirements on Mobile Radio Interface

R96 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* DAWES, Peter VODAFONE LTD
freeze_meeting: smg-22 G: yes U: *MCC:* JURISIC, Andrijana

history (event, available, version, comments):
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:* #18: 5.0.0 #20: 5.1.0
ETSI Publication 2000-11-28 5 . 1 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</i>								
	smg-26 1998-06-26	5 . 0 . 0	get it	<i>remarks - general:</i>					
	smg-27 1998-10-16	5 . 1 . 0	get it	<i>remarks - this release:</i>					
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-20 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> #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					
	smg-22 1997-06-13	5 . 2 . 0	get it	TSG#8:5.7.0					
	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	<i>current version:</i> Switching Centre (BSS - MSC) interface	5.6.1	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert				
SIEMENS AG									
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-16 1995-10-20	5 . 0 . 0	get it	<i>remarks - general:</i>					
	smg-20 1996-10-11	5 . 0 . 1	get it	<i>remarks - this release:</i>					
	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 access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.63	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:	JURISIC, Andrijana		
	history (event, available, version, comments):						
	smg-18 1996-04-12 5 . 0 . 0						get it remarks - general: remarks - this release:
<hr/>							
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, comments):						
	smg-20 1996-10-11 5 . 0 . 0						
	ETSI Publication 2000-11-28 5 . 0 . 1						get it remarks - general: get it remarks - this release: #20: 5.0.0
<hr/>							
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:	JURISIC, Andrijana		
	history (event, available, version, comments):						
	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
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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:	JURISIC, Andrijana		
	history (event, available, version, comments):						
	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 access; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding				
R96	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-18 1996-04-12 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 1996-10-11 5 . 0 . 1	get it	<i>remarks - this release:</i>		
	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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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:</i> #20: 5.0.0		

TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-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:</i> #20: 5.0.0		

TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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:</i> #20: 5.0.0		

TS 04.84	Multi Party (MPPTY) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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:</i> #20: 5.0.0		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0					get it <i>remarks - general:</i>
						<i>remarks - this release:</i> #20: 5.0.0
<hr/>						
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-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:</i> #20: 5.0.0
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TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0					get it <i>remarks - general:</i>
	smg-24 1997-12-19 5 . 1 . 0					get it <i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0
	ETSI Publication 1998-01-19 5 . 1 . 1					get it
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TS 04.90	Unstructured Supplementary Service Data (USSD)					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</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:</i> #20: 5.0.0
<hr/>						
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R96	<i>current version:</i> 5.1.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-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> #16: 5.0.0 #17: 5.1.0
	ETSI Publication 1996-03-02 5 . 1 . 2					get it

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R96
current version: 5.4.0
freeze_meeting: smg-22
history (event, available, version, comments):

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	

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: MCC: USAI, Paolino

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96
current version: 5.10.0
freeze_meeting: smg-22
history (event, available, version, comments):

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	

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist NOKIA Corporation
G: yes U: MCC: USAI, Paolino

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03 Channel coding

R96 *current version:* 5.6.0

freeze_meeting: smg-22

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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

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remarks - general:

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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

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GERAN#1:5.6.0

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TS 05.04 Modulation

R96 *current version:* 5.1.1

freeze_meeting: smg-22

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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

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remarks - general:

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ACTIVE specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R96 *current version:* 5.13.0

freeze_meeting: smg-22

history (event, available, version, comments):

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

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[get it](#) *remarks - this release:*

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ACTIVE specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R96 *current version:* 5.10.0

freeze_meeting: smg-22

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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

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remarks - general:

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TS 05.10 Radio subsystem synchronization

R96 *current version:* 5.4.1

freeze_meeting: smg-22

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

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

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remarks - general:

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ACTIVE specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0
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TR 05.50	Background for RF Requirements					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino	Skov		
	<i>history (event, available, version, comments):</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> #20: 5.0.0 #21: 5.1.0 #23: 5.1.1
	smg-23 1997-10-17 5 . 1 . 1				get it	
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TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 1998-05-28 5 . 0 . 0	No proper source file available			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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R96

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	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>
	ETSI Publication 1997-11-17 5 . 1 . 1				get it	
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions						
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 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:</i> #20: 5.0.0
<hr/>							
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec						
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	smg-20 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> #20: 5.0.0 #22: 5.1.0 #23: 5.1.1
	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, comments):</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> #20: 5.0.0 #22: 5.1.0 #23: 5.2.0
	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, comments):</i>						
	smg-20 1996-10-11 5 . 0 . 0						get it <i>remarks - general:</i>
							<i>remarks - this release:</i> #20: 5.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	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>		
	smg-32 2000-06-20 5 . 2 . 0		get it			
	ETSI Publication 2001-01-04 5 . 2 . 1		get it			
	SP-12 2001-06-29 5 . 3 . 0		get it			

TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-23 1997-10-17 5 . 0 . 1		get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.1		

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> #20: 5.0.0		
	SP-12 2001-06-29 5 . 1 . 0		get it			

TS 06.20	Half Rate Speech Transcoding					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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> #20: 5.0.0 #22: 5.1.0		
	ETSI Publication 1997-07-13 5 . 1 . 1		get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> #20: 5.0.0			
<hr/>						
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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> #20: 5.0.0 #22: 5.1.0			
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 1997-10-17 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.1			
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R96	<i>current version:</i> 5.0.3	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 1997-10-17 5 . 0 . 2	get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.2			
	ETSI Publication 1997-11-17 5 . 0 . 3	get it				
<hr/>						
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 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 #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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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.0.1	<i>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, comments):</i>	<i>G:</i> yes <i>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:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)				
R96	<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, comments):</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>		
ETSI publication	1998-02-27 5 . 1 . 1	get it			
	smg-32 2000-06-20 5 . 2 . 0	get it			
	SP-10 2000-12-20 5 . 3 . 0	get it			
<hr/>					
TR 06.55	Performance characterisation of the GSM EFR Speech Codec				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-19 1996-06-28 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #19: 5.0.0		
<hr/>					
TS 06.60	Enhanced full rate speech transcoding				
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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 #23: 5.1.3 #25: 5.2.0		
	smg-20 1996-10-11 5 . 1 . 1	get it			
	smg-23 1997-10-17 5 . 1 . 3	get it			
	smg-25 1998-03-20 5 . 2 . 0	get it			
ETSI Publication	1998-04-20 5 . 2 . 1	get it			
<hr/>					
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels				
R96	<i>current version:</i> 5.1.2	<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, comments):</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		
	smg-20 1996-10-11 5 . 1 . 1	get it			
ETSI Publication	1996-11-11 5 . 1 . 2	get it			

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R96	<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, comments):</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 #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	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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 #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	<i>current version:</i> 5.0.3	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-17 1996-02-02	5 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-20 1996-10-11	5 . 0 . 2		get it	<i>remarks - this release:</i> #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	<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> smg-22	<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-26 1998-06-26	5 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> #26: 5.0.0	

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ACTIVE specs R96 07 .- series
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R96 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 *current version:* 5.9.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-16	1995-10-20	5	.	0	.	0	get it <i>remarks - general:</i>
smg-17	1996-02-02	5	.	0	.	1	get it <i>remarks - this release:</i>
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, comments):

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: #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</i>
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

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ACTIVE specs R96 07 .- series
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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, comments):

smg-18	1996-04-12	5	.	0	.	0	get it <i>remarks - general:</i>
smg-20	1996-10-11	5	.	0	.	1	get it <i>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</i>
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, comments):

smg-19	1996-06-28	5	.	0	.	0	get it <i>remarks - general:</i>
smg-20	1996-10-11	5	.	1	.	0	get it <i>remarks - this release:</i>
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:* VOTE, Nicola NTT DoCoMo Inc.
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-19	1996-06-28	5	.	0	.	0	get it <i>remarks - general:</i>
smg-20	1996-10-11	5	.	1	.	0	get it <i>remarks - this release:</i>
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 access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R96 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-22
G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-20	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> #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, comments):

smg-24	1997-12-19	5	.	1	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i> #24: 5.1.0

R96

08 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-22
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-20	1996-10-11	5	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i>

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting: smg-22
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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>

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs R96 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22			Skov	
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22			Skov	
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-17 1996-02-02 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-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	<i>current version:</i> 5.12.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22			Skov	
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</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 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 access.

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ACTIVE specs R96 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version, comments):</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:	MCC: BOSWARTHICK, David		
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: THOMASEN, Gert	Skov	
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs R96 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G2 / -		<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-22				Skov				
			<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>								
	smg-16 1995-10-20 5 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 08.56	BSC-BTS Layer 2; Specification								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G2 / -		<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-22				Skov				
			<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>								
	smg-20 1996-10-11 5 . 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								
R96	<i>current version:</i> 5.10.0		<i>WG (prime / other):</i> G2 / -		<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-22				Skov				
			<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert			
	<i>history (event, available, version, comments):</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> #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:				
	smg-19 1996-06-28 5 . 2 . 0			get it	5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0				
	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 access.

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ACTIVE specs R96 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-17	1996-02-02	5	.	0	.	0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-19	1996-06-28	5	.	0	.	1	get it	<i>remarks - this release:</i>	
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 Peter MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-20	1996-10-11	5	.	0	.	0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication	1996-11-11	5	.	0	.	1	get it	<i>remarks - this release:</i>	

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-20	1996-10-11	5	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R96 *current version:* 5.19.0

freeze_meeting: smg-22

history (event, available, version, comments):

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 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* CN->N4 Apr00 (JMM)

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile
R96	<i>current version:</i> Network (PLMN) 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-20 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

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat <i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-20 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

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat <i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-20 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

TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet
R96	<i>current version:</i> Switched Data Transmission Services 5.0.2 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i> smg-19 1996-06-28 5 . 0 . 0 get it <i>remarks - general:</i> N3: "no R99 needed". smg-20 1996-10-11 5 . 0 . 1 get it <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1 ETSI Publication 1996-11-11 5 . 0 . 2 get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone							
R96	<i>current version:</i> Network (PSTN)	5.10.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert	
SIEMENS AG								
	<i>freeze_meeting:</i> smg-22		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>							
	smg-16	1995-10-20	5	.	0	.	0	get it <i>remarks - general:</i>
	smg-17	1996-02-02	5	.	0	.	1	get it <i>remarks - this release:</i> #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23:
	smg-18	1996-04-12	5	.	1	.	0	get it 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-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	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-22							
	<i>history (event, available, version, comments):</i>		G: yes	U:		<i>MCC:</i>	JURISIC, Andrijana	
	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> #20: 5.0.0 #21: 5.1.0

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling							
R96	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	5.2.0	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo	
TeliaSonera AB								
	<i>freeze_meeting:</i> smg-22		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>							
	smg-17	1996-02-02	5	.	0	.	0	get it <i>remarks - general:</i>
	smg-18	1996-04-12	5	.	1	.	0	get it <i>remarks - this release:</i> #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 access.

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11	Signalling Interworking for Supplementary Services								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	smg-18 1996-04-12 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-19 1996-06-28 5 . 1 . 0		get it	<i>remarks - this release:</i> #18: 5.0.0 #19: 5.1.0					
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	smg-21 2000-02-14 5 . 0 . 0		get it	<i>remarks - general:</i> NP-24: txferred to N4 on closure of N2.					
	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						
	smg-24 1997-12-19 5 . 3 . 0		get it						
	smg-25 1998-03-20 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						
	smg-29 1999-06-25 5 . 7 . 0		get it						
<hr/>									
TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana						
	<i>history (event, available, version, comments):</i>								
	smg-17? 1996-02-02 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-22 2001-01-02 5 . 1 . 0		get it	<i>remarks - this release:</i>					
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-21	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana	Skov					
	<i>history (event, available, version, comments):</i>								
	smg-20 1996-10-11 5 . 0 . 0	withdrawn SMG-30; reinstated NP-16	get it	<i>remarks - general:</i>					
	NP-16 2002-06-26 5 . 1 . 0		get it	<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.					
	edito post NP-18 2002-12-16 5 . 1 . 1	minor editorials to change style from TS to TR.	get it						

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00 Digital Cellular Telecommunication System Feature Description

R96 *current version:* 5.2.1 *WG (prime / other):* S2 / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-22 *G: yes U:* MCC: YOON, Sang-Ui
history (event, available, version, comments):
smg-19 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, comments):
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, comments):
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

TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* 5.0.1 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-22 *G: yes U:* MCC: POPE, Maurice
history (event, available, version, comments):
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 access.

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ACTIVE specs R96 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R96 *current version:* 5.12.2 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP /

T2 /
SCP

G: yes *U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

	smg-18	1996-04-12	5 . 0 . 0	get it	<i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
	smg-21	1997-02-14	5 . 1 . 0	get it	<i>remarks - this release:</i> #31bis: closed (R99 version serves all releases) by Rel-5 equivalent. 2001-11-19: G4-
>G5.	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-26	1998-06-06	5 . 6 . 0	get it	
	smg-27	1998-10-16	5 . 7 . 0	get it	
	smg-28	1999-02-12	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	
	smg-31	2000-02-16	5 . 11 . 0	get it	
	Editorial correction	2000-02-16	5 . 11 . 1	get it	
	GP-06	2001-09-06	5 . 12 . 0	get it	
	Editorial correction	2002-08-01	5 . 12 . 1	get it	
	Editorial correction	2002-08-02	5 . 12 . 2	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R96 *current version:* 5.1.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

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](#) *remarks - general:* 2001-11-19: G4->G5.
[get it](#) *remarks - this release:* #32:closed GP-06: Rel-4 serves all releases. But this version still exists!
[get it](#)
[get it](#)

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R96 *current version:* 5.6.0 *WG (prime / other):* T3 / G2, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 G3new

G: yes U: MCC: JURISIC, Andrijana

history (event, available, version, comments):

smg-30	1999-11-11	5	.	0	.	0
smg-31	2000-02-16	5	.	1	.	0

withdraw the R96 version, since the R99 version

[get it](#) *remarks - general:* TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version
[get it](#) *remarks - this release:* GP-13: doc becomes pointer to latest Rel version. not derived from R96 by CR; also to
will cover all previous Releases. TP-20: accepted by T3 (from G4).

editorial	2000-09-15	5	.	1	.	1
GP-02	2000-11-30	5	.	2	.	0
GP-04	2001-03-29	5	.	3	.	0
GP-04	2001-04-11	5	.	3	.	0
GP-06	2001-08-31	5	.	4	.	0
GP-07	2002-01-09	5	.	5	.	0
GP-13	2003-02-21	5	.	6	.	0

[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface						
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	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</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				

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface						
R96	<i>current version:</i> 5.9.0	<i>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-27	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	smg-18 1996-04-12 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 . 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				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.26 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, comments):
<to be defined> 5 . 0 . 0 *remarks - general:*
smg-25 1998-03-20 5 . 1 . 0 *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, comments):
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:*

TS 12.05 Subscriber Related Call and Event Data

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: ZOICAS, Adrian
history (event, available, version, comments):
smg-23 1997-10-17 5 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 1997-10-17 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.08 Subscriber and Equipment trace

R96 *current version:* 5.1.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: ZOICAS, Adrian
history (event, available, version, comments):
smg-23 1997-10-17 5 . 0 . 0 [get it](#) *remarks - general:*
smg-25 1998-03-20 5 . 1 . 0 [get it](#) *remarks - this release:*
Editorial correction 1998-03-20 5 . 1 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R96 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface
R96 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-21 1997-02-14 5 . 0 . 0 [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

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system
Ph2 *current version:* 4.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-20 2003-06-25 4 . 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.

TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)
Ph2 *current version:* 4.0.2 *WG (prime / other):* S1 / GP / NP *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
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:*

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04 Abbreviations and acronyms

Ph2 *current version:* 4.1.2 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph2 *current version:* 4.6.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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 *current version:* 4.2.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.03	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	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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			
<hr/>						
TS 02.04	General on Supplementary Services					
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 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			
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
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, comments):</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-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			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07	Mobile Station (MS) Features					
Ph2	<i>current version:</i> 4.8.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WATSON, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 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	<i>current version:</i> 4.5.1	<i>WG (prime / other):</i> S3 / S1 / NP	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	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				

TS 02.11	Service accessibility					
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 1993-06-25 4 . 5 . 1	get it	<i>remarks - general:</i>			
	smg-10 1994-04-15 4 . 6 . 0	get it	<i>remarks - this release:</i>			
	ETSI OAP 1995-08-21 4 . 7 . 0	get it				
	smg-16 1995-10-20 4 . 8 . 0	get it				
	smg-17 1996-02-02 4 . 9 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16 International Mobile Station Equipment Identities (IMEI)

Ph2 *current version:* 4.7.1 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-07	1993-06-25	4 . 3 . 1	get it <i>remarks - general:</i>
smg-12	1994-10-07	4 . 4 . 0	get it <i>remarks - this release:</i>
smg-13	1995-01-27	4 . 5 . 0	get it
smg-30	1999-11-11	4 . 6 . 0	get it
ETSI publication	2000-07-07	4 . 6 . 1	get it
smg-08	1993-10-01	4 . 7 . 0	get it
ETSI publication	2000-11-28	4 . 7 . 1	get it

TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

Ph2 *current version:* 4.3.3 *WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

..	2001-08-30	4 . 0 . 0	get it <i>remarks - general:</i>
smg-02	2001-08-30	4 . 1 . 0	get it <i>remarks - this release:</i>
smg-05	1993-06-25	4 . 2 . 0	get it
..	2001-08-30	4 . 2 . 1	get it
smg-08		4 . 3 . 0	
..	1993-10-01	4 . 3 . 1	get it
ETSI PE	1993-11-01	4 . 3 . 2	get it
ETSI publication	1994-09-13	4 . 3 . 3	get it

TS 02.24 Description of Charge Advice Information (CAI)

Ph2 *current version:* 4.5.0 *WG (prime / other):* S1 / *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 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				
<hr/>						
TS 02.40	Procedures for Call Progress Indications					
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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				
<hr/>						
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	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.81	Line Identification Supplementary Services; Stage 1								
Ph2	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BLOMSTRAND, Ola	TeliaSonera AB			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-07 1993-06-25 4 . 3 . 1			get it	<i>remarks - general:</i>				
	smg-10 1994-04-15 4 . 4 . 0			get it	<i>remarks - this release:</i> #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	<i>current version:</i> 4.5.2	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	IBIDUN, Kunle	ORANGE SA			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-07 1993-06-25 4 . 4 . 2			get it	<i>remarks - general:</i>				
	smg-10 1994-04-15 4 . 5 . 0			get it	<i>remarks - this release:</i> #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	<i>current version:</i> 4.6.7	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-07 1993-06-25 4 . 6 . 3			get it	<i>remarks - general:</i>				
	smg-10 1994-04-15 4 . 6 . 5			get it	<i>remarks - this release:</i> #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	<i>current version:</i> 4.4.7	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-07 1993-06-25 4 . 4 . 2			get it	<i>remarks - general:</i>				
	smg-11 1994-07-01 4 . 4 . 5			get it	<i>remarks - this release:</i> #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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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.2.6	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 1993-06-25 4 . 2 . 2		get it	<i>remarks - general:</i>		
	smg-16 1995-10-20 4 . 2 . 6		get it	<i>remarks - this release:</i> #7: 4.2.2 #16: 4.2.6		
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.1.5	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 1993-06-25 4 . 1 . 1		get it	<i>remarks - general:</i>		
	smg-16 1993-10-01 4 . 1 . 5		get it	<i>remarks - this release:</i> #7: 4.1.1 #16: 4.1.5		
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.4.3	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 #16: 4.4.3		
	smg-16 1995-01-27 4 . 4 . 3		get it			
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IGNATIUS, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-08 1993-10-01 4 . 0 . 1		get it	<i>remarks - general:</i>		
	smg-21 1997-02-14 4 . 1 . 0		get it	<i>remarks - this release:</i> #8: 4.0.1 #21: 4.1.0		
	ETSI publication 1997-09-15 4 . 1 . 1		get it			

Ph2

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TS 03.01	Network Functions						
Ph2	<i>current version:</i> 4.0.4		<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola		COMVIQ GSM AB	
	<i>freeze_meeting:</i> smg-11b		G: yes U:	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	smg-07 1993-06-25 4 . 0 . 1			get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7		
	ETSI Publication 1993-07-25 4 . 0 . 4			get it	<i>remarks - this release:</i> #7: 4.0.1		
<hr/>							
TS 03.02	Network Architecture						
Ph2	<i>current version:</i> 4.2.1		<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i>		MILINSKI, AlexanderSIEMENS AG	
	<i>freeze_meeting:</i> smg-11b		G: yes U:	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	smg-07 1993-06-25 4 . 0 . 1			get it	<i>remarks - general:</i>		
	smg-17 1996-02-02 4 . 1 . 0			get it	<i>remarks - this release:</i> #7: 4.0.1 #17: 4.1.0 #18: 4.2.1		
	smg-18 1996-04-12 4 . 2 . 1			get it			
<hr/>							
TS 03.03	Numbering, Addressing and Identification						
Ph2	<i>current version:</i> 4.11.1		<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick		VODAFONE LTD	
	<i>freeze_meeting:</i> smg-11b		G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	smg-07 1993-06-25 4 . 5 . 0			get it	<i>remarks - general:</i>		
	smg-08 1993-10-01 4 . 6 . 0			get it	<i>remarks - this release:</i>		
	smg-09 1994-01-21 4 . 8 . 0			get it			
	smg-12 1994-10-07 4 . 9 . 0			get it			
	NP-07 2000-03-17 4 . 10 . 0			get it			
	NP-08 2000-06-23 4 . 11 . 0			get it			
	Editorial 2001-01-04 4 . 11 . 1			get it			
<hr/>							
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers						
Ph2	<i>current version:</i> 4.0.4		<i>WG (prime / other):</i> N4 / SPAN / T2	<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b		G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	smg-07 1993-06-25 4 . 0 . 1			get it	<i>remarks - general:</i>		
	Publication 1996-01-19 4 . 0 . 4			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>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 1993-06-25 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-19 1996-06-28 4 . 1 . 0	get it	<i>remarks - this release:</i> #7: 4.0.0 #19:4.1.0		
<hr/>					
TS 03.07	Restoration Procedures				
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-07 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:</i>		
	Publication 1996-01-19 4 . 3 . 1	get it			
<hr/>					
TS 03.08	Organization of Subscriber Data				
Ph2	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-07 1993-06-25 4 . 5 . 0	get it	<i>remarks - general:</i>		
	smg-08 1993-10-01 4 . 5 . 1	get it	<i>remarks - this release:</i>		
	smg-09 1994-01-21 4 . 6 . 0	get it			
	smg-10 1994-04-15 4 . 7 . 0	get it			
	smg-18 1996-04-12 4 . 8 . 0	get it			
<hr/>					
TS 03.09	Handover Procedures				
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	smg-07 1993-06-25 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-08 1993-10-01 4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0		
	smg-09 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-12 1994-10-07 4 . 5 . 0	get it			
	smg-17 1996-02-02 4 . 6 . 0	get it			

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TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-07 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>		
	Publication 1994-09-13 4 . 3 . 1		get it			
<hr/>						
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
Ph2	<i>current version:</i> 4.10.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile International AG		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-07 4 . 4 . 0			<i>remarks - general:</i>		
ETSI public enquiry	2002-10-24 4 . 4 . 1		get it	<i>remarks - this release:</i>		
	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 enquiry	4 . 10 . 0					
	smg-18 1996-04-12 4 . 10 . 1		get it			
<hr/>						
TS 03.12	Location Registration Procedures					
Ph2	<i>current version:</i> 4.4.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-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: #7: 4.3.0 #8: 4.4.0</i>		
	Publication 1994-09-13 4 . 4 . 2		get it			
<hr/>						
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, comments):</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>		

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ZAUS, Robert	SIEMENS AG
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</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:</i> #7: 4.0.0 #10: 4.1.0	
	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	G: yes	U:	<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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:</i> #7: 4.2.0 #10: 4.3.0	
	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	G: yes	U:	<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</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:</i> #14: 4.1.0 #16: 4.1.1 #18: 4.2.1	
	smg-18 1996-04-12 4 . 2 . 1			get it		
<hr/>						
TS 03.20	Security-related Network Functions					
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i>	S3 / NP / GP	<i>rapporteur:</i>	NGUYEN NGOC, Sebastien	France Telecom
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version, comments):</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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	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 Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-11b				Skov				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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						
<hr/>									
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 Peter	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-11b				Skov				
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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						
<hr/>									
TR 03.30	Radio Network Planning Aspects								
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TeliaSonera AB			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</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	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</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				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.40 Technical realization of the Short Message Service (SMS)

Ph2 *current version:* 4.13.0 *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, comments):

smg-07		4 . 6 . 0		
smg-08	2004-04-27	4 . 7 . 0	get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.
smg-10	1994-04-15	4 . 8 . 1	get it	<i>remarks - this release:</i>
smg-11	2004-04-27	4 . 9 . 0	get it	
ETSI publication	1997-08-05	4 . 9 . 1	get it	
post smg-11				
ETSI publication	2004-04-27	4 . 10 . 0	get it	Published as ETS amendment A1
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	

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, comments):

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>
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, Friedhelm Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-07	1993-06-25	4 . 1 . 1	get it	<i>remarks - general:</i>
Editorial	1996-01-19	4 . 1 . 2	get it	<i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-11b				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm	
	smg-07 1993-06-25 4 . 0 . 0				get it <i>remarks - general:</i>
	Editorial 1998-07-30 4 . 0 . 1				get it <i>remarks - this release:</i>
<hr/>					
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent				
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</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-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
<hr/>					
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent				
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</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>
	smg-11 1994-07-01 4 . 1 . 0				get it
	Publication 1996-01-19 4 . 1 . 2				get it
<hr/>					
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)				
Ph2	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-11b				
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	RODERMUND, Friedhelm	
	smg-07 1993-06-25 4 . 1 . 0				get it <i>remarks - general:</i>
	smg-08 1993-10-01 4 . 2 . 0				get it <i>remarks - this release:</i>
	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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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, comments):</i>	G: yes U:	MCC:	RODERMUND, Friedhelm	
	smg-07 1993-06-25	4 . 1 . 0	get it	<i>remarks - general:</i>	
	smg-08 1993-10-01	4 . 2 . 0	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	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-16 1995-10-20	4 . 6 . 0	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, comments):</i>	G: yes U:	MCC:	USAI, Paolino	
	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 #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	4 . 2 . 0	get it		
	smg-24 1997-12-19	4 . 3 . 0	get it		
	smg-25 1998-03-20	4 . 4 . 0	get it		
	smg-27 1998-10-16	4 . 5 . 0	get it		
	smg-28 1999-02-12	4 . 6 . 0	get it		
	Editorial 1999-03-12	4 . 6 . 1	get it		
<hr/>					
TS 03.70	Routing 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, comments):</i>	G: yes U:	MCC:	BOSWARTHICK, David	
	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
	Publication 1996-01-19	4 . 0 . 3	get it		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
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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, comments):

smg-07	1993-06-25	4	.	1	.	0
smg-09	1993-10-01	4	.	2	.	0
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-19	1996-06-28	4	.	6	.	0
smg-24	1997-12-19	4	.	7	.	0
smg-26	1998-06-26	4	.	8	.	0
Editorial	1998-07-26	4	.	8	.	1

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remarks - general:

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

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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, comments):

smg-07	1993-06-25	4	.	5	.	0
smg-08	1993-10-01	4	.	5	.	1
smg-10	1994-04-15	4	.	6	.	0
smg-12	1994-10-07	4	.	7	.	0
smg-18	1996-04-12	4	.	8	.	0
Editorial	1996-05-12	4	.	8	.	1

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remarks - general:

remarks - this release: #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0

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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, comments):

smg-07	1993-06-25	4	.	3	.	0
smg-11	1994-07-01	4	.	3	.	2
smg-12	1994-10-07	4	.	4	.	0
Editorial	1994-11-07	4	.	4	.	1

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remarks - general:

remarks - this release: #7: 4.3.0 #11: 4.3.2 #12: 4.4.0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.84 Multi Party (MPty) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 1993-06-25 4 . 1 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0
smg-10 1994-04-15 4 . 3 . 0 [get it](#)
smg-12 1994-10-07 4 . 4 . 0 [get it](#)
Editorial 1994-11-07 4 . 4 . 1 [get it](#)

TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 *current version:* 4.2.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-13 1995-01-27 4 . 2 . 0 [get it](#)
Editorial 1995-02-27 4 . 2 . 1 [get it](#)

TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 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 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0
smg-09 1994-01-21 4 . 3 . 0 [get it](#)
smg-10 1994-04-15 4 . 4 . 0 [get it](#)
smg-11 1994-07-01 4 . 5 . 0 [get it](#)
smg-12 1994-10-07 4 . 6 . 0 [get it](#)
Editorial 1994-11-07 4 . 6 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2
Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-07	1993-06-25	4	.	4	.	0	get it <i>remarks - general:</i>
smg-10	1994-04-15	4	.	5	.	0	get it <i>remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0</i>
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, comments):

smg-08	1993-10-01	4	.	0	.	0	get it <i>remarks - general:</i>
smg-15	1995-07-07	4	.	1	.	0	get it <i>remarks - this release: #8: 4.0.0 #15: 4.1.0</i>
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 Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-07	1993-06-25	4	.	0	.	1	get it <i>remarks - general:</i>
ETSI publication	1996-01-19	4	.	0	.	4	get it <i>remarks - this release: #7: 4.0.1</i>

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration
Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-07	1993-06-25	4	.	0	.	1	get it <i>remarks - general:</i>
ETSI publication	1996-01-19	4	.	0	.	4	get it <i>remarks - this release: #7: 4.0.1</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.03	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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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 access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 *current version:* 4.3.1 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-07	1993-06-25	4	.	1	.	1	get it <i>remarks - general:</i>
smg-10	1994-04-15	4	.	2	.	0	get it <i>remarks - this release:</i>
smg-12	1994-10-07	4	.	3	.	0	get it
ETSI Publication	1997-11-07	4	.	3	.	1	get it

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph2 *current version:* 4.25.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* MCC: JURISIC, Andrijana

history (event, available, version, comments):

smg-07	1993-06-25	4 . 5 . 0	get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
smg-08	1993-10-01	4 . 6 . 0	get it	<i>remarks - this release:</i> (even numbered CRs!)
smg-09	1994-01-21	4 . 7 . 0	get it	
smg-10	1994-04-15	4 . 8 . 0	get it	
smg-11	1994-07-01	4 . 9 . 0	get it	
smg-12	1994-10-07	4 . 10 . 0	get it	
smg-14	1995-04-07	4 . 11 . 0	get it	
smg-15	1995-07-07	4 . 12 . 0	get it	
smg-16	1995-10-20	4 . 13 . 0	get it	
smg-17	1996-02-02	4 . 14 . 0	get it	
smg-18	1996-04-12	4 . 15 . 0	get it	
smg-19	1996-06-28	4 . 16 . 0	get it	
ETSI publication	1997-01-09	4 . 16 . 1	get it	
smg-20	1996-10-11	4 . 17 . 0	get it	
ETSI publication	1997-05-12	4 . 17 . 1	get it	
smg-21	1997-02-14	4 . 18 . 0	get it	
ETSI PE	1997-08-15	4 . 19 . 1	get it	
ETSI publication	1997-12-31	4 . 19 . 2	get it	
smg-23	1997-10-17	4 . 20 . 1	get it	
smg-24	1997-12-19	4 . 21 . 0	get it	
ETSI publication	1998-06-26	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-28	1999-02-12	4 . 23 . 0	get it	
ETSI publication	1999-10-05	4 . 23 . 1	get it	
NP-18	2003-01-02	4 . 24 . 0	get it	
GP-15	2003-07-10	4 . 25 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
Ph2	<i>current version:</i> 4.10.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</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>		
	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-13 1995-01-27 4 . 9 . 0	get it			
	smg-17 1996-02-02 4 . 10 . 0	get it			
	Editorial 1996-03-02 4 . 10 . 1	get it			

TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> smg-11b		<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</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>		
	smg-10 1994-04-15 4 . 5 . 0	get it			
	smg-11 1994-07-01 4 . 6 . 0	get it			
	smg-12 1994-10-07 4 . 7 . 0	get it			
	smg-14 1995-04-07 4 . 8 . 0	get it			
	smg-16 1995-10-20 4 . 9 . 0	get it			
	smg-17 1996-02-02 4 . 10 . 0	get it			
	NP-09 2000-10-04 4 . 11 . 0	get it			

TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-07 1993-06-25 4 . 1 . 1	get it	<i>remarks - general:</i>		
	smg-10 1994-04-15 4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0		
	smg-11 1994-07-01 4 . 3 . 0	get it			
	smg-12 1994-10-07 4 . 4 . 0	get it			
	smg-16 1995-10-20 4 . 6 . 0	get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
 Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.13	Performance Requirements on Mobile Radio Interface								
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	DAWES, Peter	VODAFONE LTD			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	smg-10 1994-04-15	4 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-14 1995-04-07	4 . 0 . 2		get it	<i>remarks - this release:</i>	#10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0			
	smg-15 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	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	RÄSÄNEN, Juha	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</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>	#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			
	smg-11 1994-07-01	4 . 4 . 0		get it	of ETS replacing OAP version				
	smg-13 1995-01-27	4 . 5 . 0		get it					
	smg-14 1995-04-07	4 . 6 . 0		get it					
	published version of ETS replacing OAP v	2000-03-02 4 . 6 . 1		get it					
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
Ph2	<i>current version:</i> Switching Centre (BSS - MSC) interface	4.5.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>			<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>								
	smg-07 1993-06-25	4 . 2 . 2		get it	<i>remarks - general:</i>				
	smg-08 1993-10-01	4 . 3 . 0		get it	<i>remarks - this release:</i>				
	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					

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph2 *current version:* 4.11.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-07	1993-06-25	4 . 7 . 0	get it	<i>remarks - general:</i>
smg-09	1994-01-21	4 . 9 . 0	get it	<i>remarks - this release:</i>
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, comments):

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 #12: 4.4.0</i>
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, comments):

smg-07	1993-06-25	4 . 6 . 0	get it	<i>remarks - general:</i>
smg-11	1994-07-01	4 . 7 . 0	get it	<i>remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0</i>
smg-12	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, comments):

smg-07	1993-06-25	4 . 4 . 0	get it	<i>remarks - general:</i>
smg-09	1994-01-21	4 . 5 . 0	get it	<i>remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0</i>
smg-17	1996-02-02	4 . 6 . 0	get it	
Editorial	1996-03-02	4 . 6 . 1	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.84 Multi Party (MPty) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 1993-06-25 4 . 2 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 3 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #9: 4.3.0*
ETSI Publication 1994-02-21 4 . 3 . 2 [get it](#)

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-04-12 4 . 1 . 0 [get it](#) *remarks - this release: #7: 4.0.0 #18: 4.1.0*
Editorial 1996-05-12 4 . 1 . 1 [get it](#)

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 1993-06-25 4 . 2 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0*
smg-11 1994-07-01 4 . 5 . 0 [get it](#)
ETSI Publication 1995-03-14 4 . 5 . 2 [get it](#)

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2 *current version:* 4.7.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 1993-06-25 4 . 6 . 0 [get it](#) *remarks - general:*
smg-17 1996-02-02 4 . 7 . 0 [get it](#) *remarks - this release: #7: 4.6.0 #17: 4.7.0*
Editorial 1996-03-02 4 . 7 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-08 1993-10-01 4 . 0 . 0 [get it](#) *remarks - general:*
smg-12 1994-10-07 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #12: 4.1.0
Editorial 1994-11-07 4 . 1 . 1 [get it](#)

Ph2 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 1993-06-25 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-10 1994-04-15 4 . 3 . 0 [get it](#)
smg-13 1995-01-27 4 . 4 . 0 [get it](#)
smg-14 1995-04-07 4 . 5 . 0 [get it](#)
smg-16 1995-10-20 4 . 6 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 1993-06-25 4 . 3 . 0 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 4 . 0 [get it](#) *remarks - this release:*
smg-15 1995-07-07 4 . 5 . 0 [get it](#)
smg-16 1995-10-20 4 . 6 . 0 [get it](#)
smg-17 1996-02-02 4 . 7 . 0 [get it](#)
smg-20 1996-10-11 4 . 8 . 0 [get it](#)
smg-22 1997-06-13 4 . 9 . 0 [get it](#)
smg-28 1999-02-12 4 . 10 . 0 [get it](#)
ETSI Publication 1999-07-22 4 . 10 . 1 [get it](#)
GP-06 2001-10-01 4 . 11 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding					
Ph2	<i>current version:</i> 4.5.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-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>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	smg-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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ACTIVE specs Ph2 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

Ph2 *current version:* 4.23.1

freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson

G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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-13	1995-01-27	4 . 10 . 0
smg-14	1995-04-07	4 . 11 . 0
ETSI Publication	2003-09-01	4 . 12 . 0
smg-16	1995-10-20	4 . 13 . 0
smg-17	1996-02-02	4 . 14 . 0
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	1997-12-19	4 . 21 . 0
smg-26	1998-06-26	4 . 22 . 0
smg-29	1999-06-25	4 . 23 . 0
ETSI Publication	1999-12-17	4 . 23 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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ACTIVE specs Ph2 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

Ph2 *current version:* 4.22.1 *WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 05.10 Radio subsystem synchronization

Ph2 *current version:* 4.9.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-07	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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks				
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-Mobile International AG	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-18 1996-04-12 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #18: 4.0.0		
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TR 05.50	Background for RF Requirements				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-08 1993-10-01 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-13 1995-01-27 4 . 1 . 0	get it	<i>remarks - this release:</i> #8: 4.0.0 #13: 4.1.0 #17: 4.2.0		
	smg-17 1996-02-02 4 . 2 . 0	get it			
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TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 4 . 1 . 0		<i>remarks - general:</i>		
	smg-08 4 . 2 . 0		<i>remarks - this release:</i>		
	ETSI publication 1994-02-15 4 . 2 . 1	get it			
	smg-15 1995-08-15 4 . 3 . 0	get it			

Ph2

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions				
Ph2	<i>current version:</i> 4.0.7	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 1993-06-25 4 . 0 . 2	get it	<i>remarks - general:</i>		
	smg-23 1997-10-17 4 . 0 . 6	get it	<i>remarks - this release:</i>		
	ETSI Publication 1998-04-07 4 . 0 . 7	get it			

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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 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 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 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	
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 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	
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-16 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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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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 figure 2001-06-29 4 . 3 . 0	get it				
	3.2					

TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph2	<i>current version:</i> 4.0.6	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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				

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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				

TS 06.20	Half Rate Speech Transcoding					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels				
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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 06.31	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	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</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 06.51	GSM Enhanced full rate speech processing functions: General description					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-22 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				
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TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-23 1997-10-17 4 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-22 1997-06-13 4 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 1998-09-29 4 . 0 . 1		get it	<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			
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TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-22 1997-06-13 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #22: 4.0.0</i>		
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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	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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			
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</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>		
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-23 1997-10-17 4 . 0 . 1		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #23: 4.0.1</i>		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
smg-22 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, comments):
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, comments):
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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-07	1993-06-25	4	.	4	.	0	get it <i>remarks - general:</i>
smg-09	1994-01-21	4	.	4	.	2	get it <i>remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0</i>
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, comments):

smg-07	1993-06-25	4	.	4	.	0	get it <i>remarks - general:</i>
smg-09	1994-01-21	4	.	5	.	0	get it <i>remarks - this release: #7: 4.4.0 #9: 4.5.0</i>
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, comments):

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-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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-16	1995-10-20	4	.	0	.	0	get it <i>remarks - general:</i>
smg-18	1996-04-12	4	.	1	.	0	get it <i>remarks - this release:</i>
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 Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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>

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph2 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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:</i>
smg-13	1995-01-27	4	.	2	.	0	get it

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ACTIVE specs Ph2 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-11b
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: smg-11b
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Ph2	<i>current version:</i> 4.2.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 1993-06-25 4 . 2 . 1		get it	<i>remarks - general:</i>	
	smg-13 1995-01-27 4 . 2 . 3		get it	<i>remarks - this release:</i>	
<hr/>					
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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>	
<hr/>					
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</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>	
	smg-14 1995-04-07 4 . 2 . 0		get it		
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-07 1993-06-26 4 . 0 . 1		get it	<i>remarks - general:</i>	
	smg-13 1995-01-27 4 . 1 . 0		get it	<i>remarks - this release:</i>	
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-08 1993-10-01 4 . 0 . 0		get it	<i>remarks - general:</i>	
	ETSI Publication 1994-09-13 4 . 0 . 2		get it	<i>remarks - this release:</i>	

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ACTIVE specs Ph2 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version, comments):</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 Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	USAI, Paolino	
<i>history (event, available, version, comments):</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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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-08 1993-10-01 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-09 1994-01-21 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 09.02	Mobile Application Part (MAP) Specification					
Ph2	<i>current version:</i> 4.19.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-07 1993-06-25 4 . 4 . 0	get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)			
	smg-08 1993-10-01 4 . 5 . 0	get it	<i>remarks - this release:</i>			
	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				
<hr/>						
TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile					
Ph2	<i>current version:</i> Network (PLMN)	4.0.3	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David	
ETSI Secretariat						
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-08 1993-10-01 4 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".			
	smg-09 1994-01-21 4 . 0 . 1	get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.0.1			
	ETSI Publication 1995-03-14 4 . 0 . 3	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-07 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							
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph2	<i>current version:</i> 4.4.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</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							
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
Ph2	<i>current version:</i> Switched Data Transmission Services	4.5.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David				
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</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							

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	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>rporteur:</i>	KLEHN, Norbert	
SIEMENS AG								
	<i>freeze_meeting:</i> smg-11b		G: yes U:		<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>							
	smg-07 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:		
	smg-09 1994-01-21	4 . 6 . 0		get it		4.11.0 #20: 4.12.0 #27: 4.13.0		
	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				

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>rporteur:</i>	FARHOUMAND, Rouzbeh Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-11b							
			G: yes U:		<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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				

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>rporteur:</i>	KYMALAINEN, Kimmo	
TeliaSonera AB								
	<i>freeze_meeting:</i> smg-11b		G: yes U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>							
	smg-08 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				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11	Signalling Interworking for Supplementary Services						
Ph2	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	smg-07 1993-06-25 4 . 1 . 0	get it	<i>remarks - general:</i>				
	smg-08 1993-10-01 4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0				
	smg-09 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					
<hr/>							
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	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> TISPAN / N4	<i>rapporteur:</i> HÄNDIG, Peter	Telia Mobile AB			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC:				
	<i>history (event, available, version, comments):</i>						
	smg-17 4 . 0 . 0		<i>remarks - general:</i> EN 300 646				
	ETSI vote 1997-02-06 4 . 1 . 0	get it	<i>remarks - this release:</i> smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.				
	ETSI publication 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					
<hr/>							
TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)						
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	smg-15 1995-07-07 4 . 5 . 0	get it	<i>remarks - general:</i>				
	smg-16 ? 1995-10-20 4 . 6 . 0	get it	<i>remarks - this release:</i>				
	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					
<hr/>							
TS 09.91	Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2						
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	smg-10 1994-04-15 4 . 0 . 0	get it	<i>remarks - general:</i>				
	Editorial correction 1994-05-15 4 . 0 . 1	get it	<i>remarks - this release:</i> #10: 4.0.0				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2 *current version:* 4.6.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-14	1995-04-07	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-15	1995-07-07	4 . 1 . 0	get it	<i>remarks - this release:</i> v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate
smg-16	1995-10-20	4 . 2 . 0	get it	recast as null document pointing to latest Release version.
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	get it	minor editorials to change style from TS to TR.

Ph2

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

Ph2 *current version:* 4.29.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP /

T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

smg-16	1995-10-20	4	.	13	.	0	get it	<i>remarks - general:</i>	R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
smg-17	1996-02-02	4	.	14	.	0	get it	<i>remarks - this release:</i>	#31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases. by Rel-
5 equivalent. 2001-11-19: G4->G5.									
smg-18	1996-04-12	4	.	15	.	0	get it		
smg-19	1996-06-28	4	.	16	.	0	get it		
smg-20	1996-10-11	4	.	17	.	0	get it		
smg-21	1997-02-14	4	.	18	.	0	get it		
smg-22	1997-06-13	4	.	19	.	0	get it		
smg-23	1997-10-17	4	.	20	.	0	get it		
smg-24	1997-10-19	4	.	21	.	0	get it		
smg-25	1998-03-20	4	.	22	.	0	get it		
smg-26	1998-06-26	4	.	23	.	1	get it		
smg-27	1998-10-16	4	.	24	.	0	get it		
smg-28	1999-02-12	4	.	25	.	0	get it		
smg-29	1999-06-25	4	.	26	.	0	get it		
smg-30	1999-11-11	4	.	27	.	0	get it		
smg-31	2000-02-16	4	.	28	.	0	get it		
ETSI Publication	2000-09-08	4	.	28	.	1	get it		
GP-06	2001-09-06	4	.	29	.	0	get it		

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Ph2 *current version:* 4.16.0 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP /

T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

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		
GP-06	2001-09-06	4	.	16	.	0	get it		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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, comments):

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, comments):

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 access.

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects								
Ph2	<i>current version:</i> 4.14.1	<i>WG (prime / other):</i>	G1	/ -	<i>rapporteur:</i>	VACANT,			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>			<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version, comments):</i>								
	smg-11	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	<i>G: yes U:</i>			<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version, comments):</i>								
	<to be defined>		4	.	0	.	0		<i>remarks - general:</i>
	smg-21	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 access.

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.23 GSM Signalling Aspects Base Station System equipment Specification

Ph2 *current version:* 4.9.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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.

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TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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
Editorial correction	1998-10-16	4	.	3	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

[get it](#)

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TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
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TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management

Ph2 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

smg-07	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, comments):

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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i>	TRUSS, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i>	ZOICAS, Adrian		
	smg-11 1994-07-01 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-14 1995-04-07 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-17 1996-02-02 4 . 2 . 0	get it				
	Editorial 1996-02-02 4 . 2 . 1	get it				
<hr/>						
TS 12.04	Performance data measurements					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i>	TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-11b					
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i>	ZOICAS, Adrian		
	smg-08 1993-10-01 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-11 1994-07-01 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-13 1995-01-27 4 . 2 . 0	get it				
	smg-17 1996-02-02 4 . 3 . 0	get it				
	Editorial correction 1996-02-02 4 . 3 . 1	get it				
<hr/>						
TS 12.05	Subscriber Related Call and Event Data					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i>	ALEXANDER, Benni	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	smg-08 1993-10-01 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-11 1994-07-01 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-15 1995-07-07 4 . 1 . 1	get it				
	smg-17 1996-02-02 4 . 2 . 0	get it				
	smg-22 1997-06-13 4 . 3 . 0	get it				
	Editorial correction 1997-06-13 4 . 3 . 1	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1 *WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

smg-11	1994-07-01	4	.	0	.	0	get it <i>remarks - general:</i>
smg-12	1994-10-07	4	.	0	.	1	get it <i>remarks - this release:</i>
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, comments):

smg-12	1994-10-07	4	.	0	.	0	get it <i>remarks - general:</i>
smg-14	1995-04-07	4	.	1	.	0	get it <i>remarks - this release:</i>
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, comments):

smg-26	1998-06-26	4	.	2	.	0	get it <i>remarks - general:</i>
Editorial correction	1998-06-26	4	.	2	.	1	get it <i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.20 Base Station System (BSS) Management Information

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / NP *rappporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* MCC: ZOICAS, Adrian

history (event, available, version, comments):

smg-09	1994-01-21	4	.	0	.	0	get it <i>remarks - general:</i>
smg-11	1994-07-01	4	.	1	.	0	get it <i>remarks - this release:</i> #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0
smg-13	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 *rappporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

smg-06?		4	.	0	.	0	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.
smg-07	1993-06-25	4	.	1	.	0	get it <i>remarks - this release:</i>
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 *rappporteur:* YUHAN, Albert T-Mobile USA Inc.
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

smg-11	1994-07-01	4	.	0	.	0	get it <i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.
smg-13	1995-01-27	4	.	1	.	0	get it <i>remarks - this release:</i>
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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M

Ph2 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
smg-10 1994-04-15 4 . 0 . 0 [get it](#) *remarks - general:*
smg-11 1994-07-01 4 . 1 . 0 [get it](#) *remarks - this release:* .
smg-15 1995-07-07 4 . 2 . 0 [get it](#)

Ph2 **TB** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
remarks - general:
remarks - this release: #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 *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
remarks - general:
remarks - this release: #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 *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b *G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
remarks - general:
remarks - this release: #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 TB .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):
remarks - general:
remarks - this release: #17: 4.0.0

Ph1-EXT

Ph1-EXT 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20ext Security-related Network Functions (Ext)

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, Sebastien France Telecom
freeze_meeting: GP G: yes U: MCC: POPE, Maurice

history (event, available, version, comments):
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: JURISIC, Andrijana

history (event, available, version, comments):
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 access.

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ACTIVE specs Ph1-EXT 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

Ph1-EXT 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08ext 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 Peter MOTOROLA A/S
freeze_meeting: Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
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-DCS *current version:* 3.0.0 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
freeze_meeting: CLAYTON, Michael
G: yes U: MCC: .
history (event, available, version, comments):
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 access.

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ACTIVE specs Ph1-DCS 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11dcs Service accessibility (DCS 1800)

Ph1-DCS *current version:* 3.1.0

freeze_meeting:

history (event, available, version, comments):

? 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 / - *rapporteur:* IBIDUN, Kunle ORANGE SA
G: yes U: *MCC:* CLAYTON, Michael

[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-DCS *current version:* 3.0.1

freeze_meeting:

history (event, available, version, comments):

ETSI publication 2003-08-19 3 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08dcs Mobile radio interface layer 3 specification (DCS 1800)

Ph1-DCS *current version:* 3.1.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 1995-01-01 3 . 1 . 0 extension to 04.08 v3.13.0

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01dcs Physical Layer on the Radio Path (General Description) (DCS 1800)

Ph1-DCS *current version:* 3.0.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 1995-01-01 3 . 0 . 0 based on 05.01 v3.3.2

WG (prime / other): G1 / -

G: yes U:

rapporteur: JOKINEN, Harri

MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#)

remarks - general:

remarks - this release: .

TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1-DCS *current version:* 3.3.0

freeze_meeting:

history (event, available, version, comments):

smg-07 3 . 2 . 0

smg-08 1995-01-01 3 . 3 . 0 based on 05.05 v3.16.0

WG (prime / other): G1 / -

G: yes U:

rapporteur: SAMUELSSON, Mats

MCC: USAI, Paolino

Telefon AB LM Ericsson

[get it](#)

remarks - general:

remarks - this release:

TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1-DCS *current version:* 3.0.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 1995-01-01 3 . 0 . 0

WG (prime / other): G1 / -

G: yes U:

rapporteur: EL-SAIGH, Amer

MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#)

remarks - general:

remarks - this release: .

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DCS *current version:* 3.0.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 1995-01-01 3 . 0 . 0 based on 08.58 v3.5.0

WG (prime / other): G2 / -

G: yes U:

rapporteur: ANDERSEN, Niels Peter

Skov

MCC: THOMASEN, Gert

MOTOROLA A/S

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remarks - general:

remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

Ph1-DCS **09** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02dcs Mobile Application Part (MAP) Specification (DCS 1800)

Ph1-DCS *current version:* 3.0.0

freeze_meeting:

history (event, available, version, comments):

ETSI publication 1993-03-03 3 . 0 . 0 based on 09.02 v3.8.0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release:

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-DCS *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, comments):

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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10dcs Mobile Station Conformity Specification (DCS 1800)

Ph1-DCS *current version:* 3.23.1

freeze_meeting:

WG (prime / other): G3new/ S1 / *rapporteur:* LEGRAND, Walter EADS TELECOM
G3ne
w /
NP /
T2 /
SCP

G: yes *U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-02		3	.	2	.	0	
smg-03		3	.	3	.	0	
smg-04bis		3	.	4	.	0	
smg-05		3	.	5	.	0	
smg-06	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	based on 11.10 v3.19.0
smg-13	1996-06-07	3	.	13	.	0	
ETSI publication	1996-12-01	3	.	23	.	1	

remarks - general:
remarks - this release:

[get it](#)

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[get it](#)

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[get it](#)

TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-DCS *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, comments):

smg-02		3	.	2	.	0	
smg-04		3	.	3	.	0	
smg-08		3	.	3	.	1	
smg-09		3	.	3	.	2	
smg-11		3	.	3	.	3	
smg-12	1994-02-21	3	.	3	.	4	

remarks - general:
remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1-DCS 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20dcs GSM DCS 1800 Base Station Specification

Ph1-DCS *current version:* 3.13.0

freeze_meeting:

history (event, available, version, comments):

smg-01	3	.	1	.	0	
smg-02	3	.	2	.	0	
smg-03	3	.	3	.	0	
smg-04	3	.	4	.	0	
smg-05	3	.	5	.	0	
smg-06	3	.	6	.	0	
smg-07	3	.	7	.	0	
smg-08	3	.	8	.	0	
smg-09	3	.	9	.	0	
smg-10	3	.	10	.	0	
smg-11	3	.	11	.	0	
smg-12	3	.	12	.	0	
smg-17	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-DCS *current version:* 3.3.0

freeze_meeting:

history (event, available, version, comments):

smg-04	3	.	2	.	0	
smg-11	1995-11-13	3	.	3	.	0

WG (prime / other): G3new/ - *rapporteur:*
G: yes U: MCC: CLAYTON, Michael

remarks - general:
remarks - this release: #4: 3.2.0 #11: 3.3.0

[get it](#)

Ph1

Ph1

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1 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

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, comments):
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, comments):
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, comments):
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, comments):
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:* .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.03	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, comments):</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, comments):</i>							
	CEPT GSM doc 2001-08-31		3 . 6 . 1	get it	<i>remarks - general:</i>			
	- 1998-07-24		3 . 7 . 0	get it	<i>remarks - this release:</i>			
	CEPT GSM doc 1991-01-03		3 . 7 . 1	get it				
<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, comments):</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, comments):</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				
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TS 02.09	Security aspects							
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S3 / S1 / NP	<i>rapporteur:</i>		CHRISTOFFERSSON, Per	TeliaSonera AB	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	ETSI publication 1995-01-01		3 . 1 . 0	get it	<i>remarks - general:</i>			
					<i>remarks - this release:</i>			

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ACTIVE specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service accessibility					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	IBIDUN, Kunle	ORANGE SA
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	gsm-29 2001-08-30 3 . 5 . 0			get it	<i>remarks - general:</i>	
	smg-01 2001-08-30 3 . 6 . 0			get it	<i>remarks - this release:</i>	
	ETSI publication 1995-01-01 3 . 7 . 0			get it		
<hr/>						
TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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, comments):</i>					
	ETSI publication 1995-01-01 3 . 0 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	T3 / S1	<i>rapporteur:</i>	HOOKER, Philip	ORANGE PCS LTD
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>					
	.. 2001-08-30 3 . 1 . 2			get it	<i>remarks - general:</i>	
	ETSI publication 1995-01-01 3 . 2 . 0			get it	<i>remarks - this release:</i>	
<hr/>						
TS 02.20	Collection charges					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	06/05/1992: 1997-10-09 3 . 0 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 9 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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ACTIVE specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 2 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle		ORANGE SA	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 6 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
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TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes		T-Mobile International AG	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 6 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
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	Ph1	03 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/03_series		
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TS 03.01	Network Functions					
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola		COMVIQ GSM AB	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 1 . 1			get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7	
					<i>remarks - this release:</i>	
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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
Ph1	<i>current version:</i> 3.1.4	<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i>	MILINSKI, AlexanderSIEMENS AG		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 1 . 4		<i>remarks - this release:</i>	.		
<hr/>						
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, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 6 . 0		<i>remarks - this release:</i>	.		
<hr/>						
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / SPAN / T2	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 1 . 0		<i>remarks - this release:</i>	.		
<hr/>						
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, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 2 . 0		<i>remarks - this release:</i>	.		
<hr/>						
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>	<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>			
	ETSI publication 1995-01-01 3 . 2 . 1		<i>remarks - this release:</i>	.		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data						
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> gsm-25b	G: yes	U:	<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>						
	ETSI publication 1995-01-01 3 . 7 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
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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>	JURISIC, Andrijana		
	<i>history (event, available, version, comments):</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, comments):</i>						
	gsm4 2003-05-06 2 . 0 . 0 Jan 1988			get it	<i>remarks - general:</i>		
	gsm4 2003-05-06 3 . 0 . 0 Feb 1988			get it	<i>remarks - this release:</i>		
	gsm4 2003-05-06 3 . 1 . 0 Jul 1988			get it			
	gsm4 2003-05-06 3 . 2 . 0 Nov 1988			get it			
	ETSI publication 1995-01-01 3 . 3 . 0			get it			
<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 International AG	
	<i>freeze_meeting:</i> gsm-25b	G: yes	U:	<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>						
	ETSI publication 1995-01-01 3 . 1 . 1			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
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TS 03.12	Location Registration Procedures						
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> gsm-25b	G: yes	U:	<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>						
	ETSI publication 1995-01-01 3 . 3 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13	Discontinuous Reception (DRX) in the GSM System						
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version, comments):</i>						
	ETSI publication 1995-01-01 3 . 0 . 2			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
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TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System						
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>						
	ETSI publication 1995-01-01 3 . 0 . 2			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		
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TS 03.20	Security-related Network Functions						
Ph1	<i>current version:</i> 3.3.2	<i>WG (prime / other):</i>	S3 / NP /	<i>rapporteur:</i>	NGUYEN NGOC, Sebastien	France Telecom	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	GP	<i>MCC:</i>	POPE, Maurice		
	<i>history (event, available, version, comments):</i>						
	ETSI publication 1995-01-01 3 . 0 . 0			get it	<i>remarks - general:</i>		
	ETSI publication 1995-01-01 3 . 3 . 2			get it	<i>remarks - this release:</i>		
<hr/>							
TS 03.40	Technical realization of the Short Message Service (SMS)						
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>						
	gsm4 2003-05-06 2 . 1 . 0 Sep 1988			get it	<i>remarks - general:</i>	2003-12-03: Note that this spec also contains stage 3.	
	gsm4 2003-05-06 2 . 1 . 1 Nov 1988			get it	<i>remarks - this release:</i>		
	gsm4 2003-05-06 3 . 0 . 0 Apr 1989			get it			
	gsm4 2003-05-06 3 . 4 . 0 Jan 1990			get it			
	gsm4 2003-05-06 3 . 4 . 1 Oct 1990			get it			
	gsm4 2003-05-06 3 . 5 . 0 Feb 1992			get it			
	smg-08 1997-09-05 3 . 6 . 0			get it			
	smg-09 1995-01-01 3 . 7 . 0			get it			

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		MCC:	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	gsm4 2003-05-06	1 . 1 . 1	Sep 1988	get it	<i>remarks - general:</i>				
	gsm4 2003-05-06	1 . 2 . 1	Nov 1988	get it	<i>remarks - this release:</i>	.			
	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 vote (second) 1995-01-01	3 . 4 . 0	available in PDF	get it					
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TR 03.43	Support of Videotex								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		MCC:	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	gsm4 2003-05-06	1 . 0 . 1	Jun 1988	get it	<i>remarks - general:</i>				
	ETSI publication 1995-01-01	3 . 0 . 1		get it	<i>remarks - this release:</i>	.			
<hr/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		MCC:	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	gsm4 2003-05-06	1 . 0 . 0	Sep 1988	get it	<i>remarks - general:</i>				
	gsm4 2003-05-06	1 . 1 . 0	Nov 1988	get it	<i>remarks - this release:</i>	.			
	gsm4 2003-05-06	2 . 0 . 0		get it					
	ETSI publication 1995-01-01	3 . 0 . 1		get it					
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		MCC:	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	gsm 2003-05-06	1 . 0 . 0	Sep 1988	get it	<i>remarks - general:</i>				
	gsm 2003-05-06	2 . 0 . 0	Jan 1989	get it	<i>remarks - this release:</i>	.			
	smg-05	3 . 2 . 0							
	ETSI publication 1995-01-01	3 . 3 . 0	exists in PDF only	get it					

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 2 . 1				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	1997-10-09 3 . 0 . 1				get it	<i>remarks - general:</i> SMG9->T3@#31 <i>remarks - this release:</i> .
<hr/>						
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 4 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #4: 3.2.2 #8: 3.3.0 #11: 3.4.0
<hr/>						
TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)					
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	gsm4 2003-05-06 1 . 0 . 0 Jul 1988				get it	<i>remarks - general:</i> N3: "no R99 needed".
	gsm4 2003-05-06 2 . 0 . 0 Sep 1988				get it	<i>remarks - this release:</i> .
	ETSI publication 1995-01-01 3 . 0 . 0				get it	
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 2 . 1				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2
Ph1 *current version:* 3.2.1 *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, comments):
ETSI publication 1995-01-01 3 . 2 . 1 [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 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration
Ph1 *current version:* 3.0.2 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 2 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities
Ph1 *current version:* 3.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 3 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Ph1 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.04	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:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
		get it				
<hr/>						
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 Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 1 . 5				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
		get it				
<hr/>						
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 9 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
		get it				
<hr/>						
TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects					
Ph1	<i>current version:</i> 3.3.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 3 . 3				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
		get it				
<hr/>						
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:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 13 . 0				<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomassen	
	ETSI publication 1997-09-15 3 . 14 . 0				<i>remarks - this release:</i> . (even numbered CRs!)	
		get it				
		get it				

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ACTIVE specs Ph1 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Ph1	<i>current version:</i> 3.2.3	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> gsm-25b		Skov						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	ETSI publication 1995-01-01 3 . 2 . 3	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation					
	<i>freeze_meeting:</i> gsm-25b		<i>MCC:</i>	JURISIC, Andrijana					
	<i>history (event, available, version, comments):</i>								
	ETSI publication 1995-01-01 3 . 3 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>	#5:3.3.0					
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> gsm-25b		Skov						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	THOMASEN, Gert					
	<i>history (event, available, version, comments):</i>								
	ETSI publication 1995-01-01 3 . 2 . 1	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> gsm-25b		<i>MCC:</i>	BOSWARTHICK, David					
	<i>history (event, available, version, comments):</i>								
	gsm4 2003-05-06 2 . 0 . 0 Feb 1988	get it	<i>remarks - general:</i>						
	gsm4 2003-05-06 3 . 0 . 0 Feb 1988	get it	<i>remarks - this release:</i>						
	gsm4 2003-05-06 3 . 1 . 0 Jun 1988	get it							
	ETSI publication 1995-01-01 3 . 4 . 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								
Ph1	<i>current version:</i> Switching Centre (BSS - MSC) interface	3.7.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert				
	SIEMENS AG								
	<i>freeze_meeting:</i> gsm-25b		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	ETSI publication 1995-01-01 3 . 7 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						

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ACTIVE specs Ph1 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80 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, comments):
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, comments):
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, comments):
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, comments):
ETSI publication 1995-01-01 3 . 3 . 2 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Ph1 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02	Multiplexing and Multiple Access on the Radio Path					
Ph1	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	SÉBIRE, Benoist	NOKIA Corporation
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-15					3 . 7 . 0
	smg-16	1995-01-01				3 . 8 . 0
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
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TS 05.03	Channel coding					
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	SÉBIRE, Benoist	NOKIA Corporation
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	ETSI publication	1995-01-01				3 . 6 . 1
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#12: 3.6.1	
<hr/>						
TS 05.04	Modulation					
Ph1	<i>current version:</i> 3.1.2	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	SÉBIRE, Benoist	NOKIA Corporation
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	ETSI publication	1995-01-01				3 . 1 . 2
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 05.05	Radio Transmission and Reception					
Ph1	<i>current version:</i> 3.16.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	SAMUELSSON, Mats	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	smg-04					3 . 14 . 0
	smg-06b					3 . 15 . 0
	ETSI publication	1995-01-01				3 . 16 . 0
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 05.08	Radio Subsystem Link Control					
Ph1	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	EL-SAIGH, Amer	VODAFONE Group Plc
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	ETSI publication	1995-01-01				3 . 8 . 0
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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ACTIVE specs Ph1 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10 Radio subsystem synchronization
Ph1 *current version:* 3.5.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-04 1995-01-01 3 . 5 . 1 [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 *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, comments):
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.10 Full Rate Speech Transcoding
Ph1 *current version:* 3.2.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 2 . 0 [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 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Ph1 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	SERENO, Daniele	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 0 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 1 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
Ph1	<i>current version:</i> 3.0.0	<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> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1995-01-01 3 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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	<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> gsm-25b	<i>G: yes U:</i>		<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>					
	gsm-20 3 . 2 . 0				<i>remarks - general:</i>	
	ETSI publication 1995-01-01 3 . 14 . 0			get it	<i>remarks - this release:</i>	

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ACTIVE specs Ph1 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

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, comments):
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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: gsm-25b *G:* yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
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 Peter MOTOROLA A/S
freeze_meeting: gsm-25b *G:* yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 3 . 1
[get it](#) *remarks - general:*
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
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	MOTOROLA A/S	Skov
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i> ETSI publication 1995-01-01 3 . 0 . 3	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	MOTOROLA A/S	Skov
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i> ETSI publication 1995-01-01 3 . 5 . 2	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	MOTOROLA A/S	Skov
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i> ETSI publication 1995-01-01 3 . 0 . 0 ETSI publication 1995-01-01 3 . 10 . 1	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	NOKIA Corporation	
		G: yes U:	<i>MCC:</i>	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i> ETSI publication 1995-01-01 3 . 1 . 2	get it	<i>remarks - general:</i>		<i>remarks - this release:</i> .
<hr/>					
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	Skov
		G: yes U:	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i> ETSI publication 1995-01-01 3 . 0 . 2	get it	<i>remarks - general:</i>		<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
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, comments):</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, comments):</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, comments):</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, comments):</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, comments):</i> ETSI publication 1995-01-01 3 . 1 . 0	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
Ph1 *current version:* 3.3.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
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, comments):
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - general:*
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, comments):
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
ETSI publication 1991-02-11 3 . 8 . 0 [get it](#) *remarks - this release:*
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, comments):
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph1 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</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)								
Ph1	<i>current version:</i> Network (PSTN)	3.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert					
	SIEMENS AG								
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</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)								
Ph1	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo					
	TeliaSonera AB								
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 1995-01-01 3 . 0 . 0	get it	<i>remarks - general:</i>						
	ETSI publication 1995-01-01 3 . 0 . 2	get it	<i>remarks - this release:</i> .						
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 1995-01-01 3 . 0 . 1	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 11 .- series
Server location: 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): G3new/ S1 / rapporteur: LEGRAND, Walter EADS TELECOM
G3ne
w /
NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

First complete draft	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	1966-09-02	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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ACTIVE specs Ph1 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface					
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, comments):</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, comments):</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, comments):</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, comments):</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> G3new/ -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</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			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs Ph1 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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, comments):

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: *U:* yes *MCC:* ZOICAS, Adrian

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, comments):

WG (prime / other): MSG / - *rapporteur:* FREEMAN, David MOTOROLA
G: yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1 *current version:* none
freeze_meeting: gsm-25b
history (event, available, version, comments):

WG (prime / other): MSG / - *rapporteur:* FREEMAN, David MOTOROLA
G: yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

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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 WG (prime / other): S1 / rapporteur: ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: G: U: yes MCC: CLAYTON, Michael
history (event, available, version, comments):
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 WG (prime / other): S2 / rapporteur: N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes MCC: YOON, Sang-Ui One
history (event, available, version, comments):
remarks - general:
remarks - this release:

32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.434 Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Abstract Syntax Notation number 1 (ASN.1) file format definition
current version: none WG (prime / other): S5 / - rapporteur: LI, Dan NORTEL NETWORKS (EUROPE)
freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):
remarks - general:
remarks - this release:

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ACTIVE specs 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

WITHDRA specs

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<?> 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:	G:	U: yes	MCC:	SULTAN, Alain
history (event, available, version, comments):					
				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, bacame 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, comments):					
				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 Rel-7. 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, comments):
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 specifications".
remarks - this release: SP-20: Superseded by 21.101 Rel-4. 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 Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking**Rel-6 *current version:* none *freeze_meeting:*
history (event, available, version, comments):
WG (prime / other): S1 / - *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK
G: *U:* yes *MCC:* CLAYTON, MichaelSP-23 2004-03-23 2 . 0 . 0 SP-040100
SP-23 2004-03-24 6 . 0 . 0
SP-24 2004-06-14 6 . 1 . 0[get it](#) *remarks - general:* 2003-10-31: Spec number formally allocated
[get it](#) *remarks - this release:* SP-22: target for approval = SP-25.
[get it](#)**TR 22.976 Study on PS domain services and capabilities**Rel-6 *current version:* none *freeze_meeting:*
history (event, available, version, comments):
WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael

SP-08 2000-06-28 2 . 0 . 0 SP-19: txverred from Rel-5

[get it](#) *remarks - general:* 2003-04-07 Clayton: scrapped.
remarks - this release: 2003-04-07 Clayton: scrapped.Rel-6 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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WITHDRAWN specs Rel-6 23 .- series
Server location: 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	<i>WG (prime / other):</i> 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, comments):</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.		
<hr/>					
TS 23.209	Policy control over Gq interface				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / N3	<i>rapporteur:</i> SILLANPÄÄ, Anna	NOKIA Corporation	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> WI = IMS Phase 2 (UID 32021). 2004-02-20: responsibility N3 -> S2. 2004-04: S2		
			<i>remarks - this release:</i> . chairman indicates that there is no such spec (see 29.209).		
<hr/>					
TS 23.340	(reserved for:" IP Multimedia Subsystem (IMS) messaging; Stage 2")				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.825	Overall architecture aspects of IP flow based bearer level charging; Stage 2						
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	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, comments):</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	SP-030389				get it
	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

TR 23.876	Push architecture						
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	YOON, Sang-Ui	KT Freetel Co., Ltd.	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	2003-02-04: -> 23.976		
	S2-29	0 . 0 . 0		<i>remarks - this release:</i>	2003-02-04: -> 23.976		
	S2-29 2003-02-03	0 . 0 . 1	2003-02-04: -> 23.976				get it
	S2-31	0 . 1 . 0					
	S2-32	0 . 2 . 0					
	S2-33	0 . 3 . 0					
	S2-34	0 . 4 . 0					
	S2-35 2003-11-06	0 . 5 . 0					get it

TR 23.878	Impacts of speech-enabled services on IMS, PS and CS domains						
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	XUAN, Qing	VODAFONE Group Plc	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	SP-31: WI = SP-030539 2003-10-13: Turns out to be same document as 23.877.		
				<i>remarks - this release:</i>	2003-10-13: Turns out to be same document as 23.877.		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.881	Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i>	<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	draft 2003-10-14	0 . 0 . 0	get it	<i>remarks - general:</i> SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert to 23.981.		
	S2-35 2003-11-03	0 . 1 . 0	get it	<i>remarks - this release:</i> . Agreed at S2-39.		
	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 2004-03-22	1 . 0 . 0	get it	SP-040048. Next appearance is as 23.981.		

TR 23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS)					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> MOUSSET, Claire	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i>	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	draft 2002-08-07	0 . 0 . 0	get it	<i>remarks - general:</i> Work Item: SP-020140		
	draft 2002-09-24	0 . 1 . 0	get it	<i>remarks - this release:</i> SP-23: likely to be abandoned. SP-24: stopped, because contents is all in 23.207.		
	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	get it	includes S2-031354, S2-031534, S2-031598		
	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	get it	SP-030386		
	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			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.964 Commonality and interoperability between IP Multimedia System (IMS) core networks

Rel-6 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BERTENYI, Balazs NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
S2-29 2003-02-03 0 . 3 . 1 Renumbered to 23.864 [get it](#) *remarks - general:* 2003-02-03: Renumbered to 23.864.
remarks - this release: 2003-02-03: Renumbered to 23.864.

Rel-6 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.802 Remote control of electrically tilting antennas

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, comments):
R3-36 0 . 1 . 0 *remarks - general:* RP-19: WI = RP-030193. WI UID = 23010
R3-37 0 . 1 . 1 *remarks - this release:* RP-19: Completion target: RP-22. Thus assume service will be implemented in Rel-7. RP-
R3-37 0 . 2 . 0 21: In fact, the work item is in Rel-6, so for now, move it to Rel-6. (No draft visible yet.)
R3-38 2003-11-07 0 . 2 . 1 [get it](#)
R3-39 0 . 3 . 0
R3-39 2003-11-24 0 . 3 . 1 R3-031851 [get it](#)
R3-40 0 . 3 . 2
R3-41 0 . 4 . 0
R3-41b 0 . 4 . 1
R3-41b 0 . 4 . 2
R3-41b 2004-04-05 0 . 4 . 3 R3-040670 [get it](#)
RP-24 2004-06-14 1 . 0 . 0 RP-040185 [get it](#)

TR 25.867 Feasibility study for wideband distribution systems in 3rd generation networks

Rel-6 *current version:* none *WG (prime / other):* R4 / *rapporteur:* MATARASSO, Carlo Mikom - Andrew
freeze_meeting: G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-14 2002-01-02 1 . 0 . 0 inherited from Rel-5 [get it](#) *remarks - general:*
remarks - this release: 2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6. RP-24:
abandoned due to lack of interest.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.869	Transmitter diversity solutions for multiple antennas									
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> KIM, Sung-Jin		Samsung Electronics Ind. Co., Ltd.			
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>									
	RP-15	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>	RP-24: Superseded by other work (MIMO).
	draft		1 . 1 . 1							
	draft	2003-09-30	1 . 2 . 0				R1-030946	get it		

TR 25.893	Radio access bearer scenarios									
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R2 / -		<i>rapporteur:</i> MIKOLA, Juha		NOKIA Corporation			
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>									
									<i>remarks - general:</i>	2003-05-26: to be stopped.
									<i>remarks - this release:</i>	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 25.909	Enhanced uplink UTRA FDD; UTRAN lub/lur protocol aspects									
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> STOJANOVSKI, Saso		NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> CALDENHOVEN, Juergen					
	<i>history (event, available, version, comments):</i>									
	draft	2004-08-04	0 . 0 . 1					get it	<i>remarks - general:</i>	2004-08-04: Spec number reserved when initial draft received. 2004-08-27: WG
									<i>remarks - this release:</i>	. indicates that no formal TR will be produced.

TR 25.998	UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release									
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R2 /		<i>rapporteur:</i> FAUCONNIER, Denis		NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version, comments):</i>									
	rapporteur's first		0 . 0 . 0						<i>remarks - general:</i>	This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the notion
	draft								<i>remarks - this release:</i>	. of this TR, so stopped.
	second draft with	2004-02-06	0 . 0 . 1				R2-040403, RP-040080	get it		
	MCC revisions									
	agreed by									
	rapporteur									

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

Rel-6 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.150 (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")

Rel-6 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* MUDGE, John VODAFONE Group Plc
freeze_meeting: G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional
remarks - this release: provisional TP-18: rapporteur not confirmed.

Rel-6 **29** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.199 Open Service Access (OSA); Web Services Application Programming Interface (API) for OSA; Parlay X services

Rel-6 *current version:* none *WG (prime / other):* N5 / *rapporteur:* VAN RIJSSEN, Erwin Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft 0 . 0 . 1
draft 0 . 0 . 2
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 [get it](#)
APIs

remarks - general: SP-24: split into parts.
remarks - this release: .

Rel-6 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-6 *current version:* none *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

and 52.008.

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
published. Replace with 32.411, 32..42x and 52.008.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.350 Telecommunication management; Communication Surveillance (CS) requirements
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* THORSTEINSSON, Iceland Telecom Ltd.
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):
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 32.351.
all contents moved to 32.351. *remarks - this release:* 2003-12-05: S5 states that all contents moved to 32.351.

Rel-6 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.109 Bootstrapping of application security using AKA and support for subscriber certificates; System description
Rel-6 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* HAUKKA, Tao NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):
S3-27 0 . 1 . 0 *remarks - general:* WI = SEC1-SC (UID 33002)
S3-28 0 . 2 . 0 *remarks - this release:* S3-30: to be split into four separate documents.
S3-29 2003-09-11 0 . 3 . 0 [get it](#)

TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution
Rel-6 *current version:* none *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):
remarks - general: WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not to
remarks - this release: . publish, so -> 33.810.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.917 (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces

Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> YAQUB, Raziq	Toshiba Corporation, Digital Media Network Company
	<i>freeze_meeting:</i>			G: yes U: yes	MCC: POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
	draft	0 . 0 . 1			<i>remarks - general:</i> Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that the TR is to be	
internal, so number changed to 33.817.	TOC enhanced,	0 . 0 . 2			<i>remarks - this release:</i> Original WID = SP-030341 2003-11-26: S3 Secretary indicates that the TR is to be	
	Requirements & threat analysis added				internal, so number changed to 33.817.	
	More expansion on Issues 1, 4 and 5.	0 . 4 . 0				
	Reference Architecture added. Also other updates.					
	Further comments incorporated and also some editorial improvements	0 . 5 . 0				
	Some comments accommodated, and editorial changes, clean up done					
	draft 2003-07-25	0 . 6 . 0	TR number awarded.		get it	
	draft 2003-10-13	0 . 7 . 0			get it	
	2003-11-03	0 . 7 . 3			get it	

Rel-6 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system (Rel-6)

Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i>			G: yes U:	MCC: POPE, Maurice	
	<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i> post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 Rel-6.	
					<i>remarks - this release:</i> SP-20: Superseded by 41.101 Rel-6.	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 *current version:* none *WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

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 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian Axalto S.A.
freeze_meeting: *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102 240.

Rel-6 **45** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.202 reserved for radio spec "Flexible layer 1" based on 45.902

Rel-6 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

remarks - general:
remarks - this release: .

Rel-6 **49** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-6 49 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-6 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
freeze_meeting:

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest
remarks - this release: . Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

Rel-6 55 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/55_series

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 *current version:* none *WG (prime / other):* S3 / *rapporteur:* CHRISTOFFERSSON, Per TeliaSonera AB
freeze_meeting:

G: yes *U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

draft 0 . 1 . 0

SP-23 2004-03-22 1 . 0 . 0

SP-040170 - draft not available on specs [get it](#)
server due to French export control
restrictions

remarks - general: Work item UID = 1571 (SEC1)

remarks - this release: SP-23: likely that this will -> Rel-7. SP-24: agreed to shift to Rel-7.

Rel-5

Rel-5 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs 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, comments):

SP-12		0	.	0	.	0	SP-010275		
SP-12	2001-07-05	0	.	1	.	0	SP-010381	get it	<i>remarks - general:</i> SP-20: Superseded by 21.101 Rel-5.
SP-13	2001-10-01	1	.	0	.	0	SP-010418	get it	<i>remarks - this release:</i> SP-20: Superseded by 21.101 Rel-5.
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	

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, comments):

draft	2002-04-15	0	.	2	.	0		get it	<i>remarks - general:</i>
draft	2002-08-14	0	.	4	.	0		get it	<i>remarks - this release:</i> 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

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.141	Presence service; Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> WOHLERT, Randolph		SBC Technology Resources Inc.		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-12	2001-06-27	1 . 0 . 0	SP-010364 (replaces SP-010265)	get it		<i>remarks - general:</i>		
	SP-13	2001-10-01	2 . 0 . 0	SP-010444	get it		<i>remarks - this release:</i> 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	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> JARVIS, Andre		Hutchison 3G UK Ltd (3)		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-13	2001-10-01	2 . 0 . 0	SP-010443	get it		<i>remarks - general:</i> Replaces 22.946. Note that stage 2 is 23.246.		
	SP-13	2001-10-05	5 . 0 . 0		get it		<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.		
	SP-14	2002-01-10	5 . 1 . 0		get it				
	SP-15	2002-03-28	5 . 2 . 0	SP-16: withdrawn.	get it				

TS 22.174	Push service; Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> WATSON, John		VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	<i>remarks - general:</i>								
	<i>remarks - this release:</i> SP-15: Timed out of Rel-5.								

TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> BOOTE, Michael		Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft		0 . 5 . 0	S1-020186			<i>remarks - general:</i> Cf work item 'Generic user profile'		
	<i>remarks - this release:</i> SP-15: Delayed to Rel-6								

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.243	Speech recognition framework for automated voice services; Stage 1									
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.						
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version, comments):</i>									
	S1 draft	0 . 0 . 2						<i>remarks - general:</i> WI UID = 31006		
	SP-14 2002-01-02	1 . 0 . 0				get it		<i>remarks - this release:</i> SP-15: Delayed to Rel-6.		
TR 22.928	IP-based multimedia services examples									
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd						
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version, comments):</i>									
								<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.		
								<i>remarks - this release:</i> 2003-04-07 Clayton: scrapped.		
TR 22.941	IP based multimedia framework; Stage 0									
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOHLERT, Randolph	SBC Technology Resources Inc.						
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version, comments):</i>									
	draft 2001-07-05	0 . 1 . 0				get it		<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.		
	SP-12 2001-07-05	0 . 2 . 4		S1-010359, SP-010359 - not seen by SA1.		get it		<i>remarks - this release:</i> TP-16: likely to drop out of Rel-5 if no progress soon. SP-		
	18: annex C presented at									
	draft 2001-10-15	0 . 4 . 1				get it				
	SP-14 2002-01-02	0 . 7 . 0		NP-010701 (!)		get it		"evolution" workshop (EV-020021). 2003-04-07 Clayton: scrapped.		
TR 22.946	Broadcast and multicast services									
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One						
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version, comments):</i>									
	SP-12 2001-06-27	1 . 0 . 0		SP-010267		get it		<i>remarks - general:</i> Replaced by 22.146.		
								<i>remarks - this release:</i> To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.		
TR 22.976	Study on PS domain services and capabilities									
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd						
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version, comments):</i>									
	SP-08 2000-06-28	2 . 0 . 0		transferred from Rel-4.		get it		<i>remarks - general:</i> 2003-04-07 Clayton: scrapped.		
								<i>remarks - this release:</i> 2001-12-04: Rel4->Rel-5 (Clayton). SP-19: -> Rel-6		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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, comments):

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, comments):
SP-09 5 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
G: yes *U:* yes *MCC:* YOON, Sang-Ui

remarks - general:
remarks - this release: Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.

TS 23.174 Push service; stage 2

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version, comments):

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 good to
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. 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, comments):

WG (prime / other): N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
G: yes *U:* yes *MCC:* JURISIC, Andrijana

remarks - general: 2001-10-26: renumbered to 23.278.
remarks - this release: 2001-10-26: renumbered to 23.278.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.240 3GPP Generic User Profile (GUP) requirements; Architecture (Stage 2)

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* KOSKINEN, Harri Nokia Telecommunications Inc.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft	0	.	2	.	0	
draft	0	.	3	.	0	<i>remarks - general:</i> Cf work item 'Generic user profile'
S2-23	0	.	4	.	0	<i>remarks - this release:</i> -> Rel-6
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

TS 23.241 3GPP Generic User Profile (GUP); Stage 2; Data Description Method (DDM)

Rel-5 *current version:* none *WG (prime / other):* N4 / T2 *rapporteur:* KOZA, Yvette T-Mobile AUSTRIA GmbH
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

draft	0	.	1	.	0	<i>remarks - general:</i> Cf work item 'Generic user profile'. NP-24/TP-24: txferred from T2 to N4.
draft	0	.	2	.	0	<i>remarks - this release:</i> TP-15: Delayed to Rel-6.

TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description

Rel-5 *current version:* none *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Ltd (3)
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.
remarks - this release: SP-15: To be a Rel-6 service, not Rel-5.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.841	Presence service architecture						
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> BERTENYI, Balazs		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	draft 2002-01-21	0 . 3 . 0		get it	<i>remarks - general:</i>		
	draft	0 . 5 . 0			<i>remarks - this release:</i> -> Rel-6		
	SP-15 2002-03-19	1 . 0 . 0		get it		SP-020156	
	S2-24	1 . 1 . 0					
<hr/>							
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2						
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre		Hutchison 3G UK Ltd (3)	
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>						
	draft 2002-01-03	0 . 0 . 1		get it	<i>remarks - general:</i> This is a preparatory report which may result in the creation of a stage 2 TS 23.246.		
	S2-22 2002-01-22	0 . 1 . 0		get it	<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.		
	draft 2002-03-19	0 . 2 . 0		get it			
<hr/>							
TR 23.908	Technical report on Pre-Paging						
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	NP-16	5 . 0 . 0			<i>remarks - general:</i>		
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.		
<hr/>							
TR 23.909	Technical report on the Gateway Location Register						
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David		VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	NP-16	5 . 0 . 0			<i>remarks - general:</i>		
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.		
<hr/>							
TR 23.911	Technical report on Out-of-band transcoder control						
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	NP-16	5 . 0 . 0			<i>remarks - general:</i>		
					<i>remarks - this release:</i> 2002-06-21: Kymalainen: no need to upgrade to Rel-5.		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.912	Technical report on Super-Charger								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain					NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> NP-15		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-16	5 . 0 . 0	2002-06-21: Kymalainen: no need to upgrade to Rel-5.		<i>remarks - general:</i>				
					<i>remarks - this release:</i>				2002-06-21: Kymalainen: no need to upgrade to Rel-5.
<hr/>									
TR 23.915	Charging implications of IMS architecture								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander					SIEMENS AG
	<i>freeze_meeting:</i> SP-15		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
					<i>remarks - general:</i>				2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!
					<i>remarks - this release:</i>				.
<hr/>									
TR 23.955	Virtual Home Environment (VHE) concepts								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain					SOURCE COM
	<i>freeze_meeting:</i> SP-16		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	draft 2001-01-08	0 . 0 . 0		get it	<i>remarks - general:</i>				SP-20: stopped
	draft 2001-01-24	0 . 1 . 0		get it	<i>remarks - this release:</i>				SP-20: stopped
<hr/>									
TR 23.974	Support of push service								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UDA, Nobuyuki					NTT COMWARE Corporation
	<i>freeze_meeting:</i> SP-15		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-13 2001-10-01	2 . 0 . 0	SP-010508 - approved as 23.875	get it	<i>remarks - general:</i>				SP-13: changed number to 23.875.
					<i>remarks - this release:</i>				May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.

Rel-5 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.241 3GPP Generic User Profile (GUP) Common objects; Stage 3

Rel-5 *current version:* none
freeze_meeting: TP-16
history (event, available, version, comments):

WG (prime / other): N4 / T2 *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: *U:* yes *MCC:* KYMALAINEN, Kimmo

remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241. NP-24/TP-24:
remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be. txferred

from T2 to N4.

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
freeze_meeting: RP-15
history (event, available, version, comments):

WG (prime / other): R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: *U:* yes *MCC:* ARZELIER, Claude

RP-12 2001-06-19 1 . 0 . 0 RP-010345
RP-13 2001-10-01 2 . 0 . 0 RP-010562
RP-13 2001-10-02 5 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
[get it](#)

TR 25.856 High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects

Rel-5 *current version:* none
freeze_meeting: RP-15
history (event, available, version, comments):

WG (prime / other): R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general: 2003-05-26: stopped
remarks - this release: 2003-05-26: stopped

TR 25.857 UE positioning enhancements

Rel-5 *current version:* none
freeze_meeting: RP-15
history (event, available, version, comments):

WG (prime / other): R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general: 2003-05-26: stopped
remarks - this release: 2003-05-26: stopped

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.861	RNC - SMLC location protocol							
Rel-5	current version: none	WG (prime / other):	R2 /	rapporteur:	MIKOLA, Juha	NOKIA Corporation		
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude			
	history (event, available, version, comments):			remarks - general:	RP-15: abandoned in favour of directly writing the stage 3 spec.			
				remarks - this release:	RP-15: abandoned in favour of directly writing the stage 3 spec.			
TR 25.867	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, comments):			remarks - general:				
	RP-14 2002-01-02	1 . 0 . 0	RP-010794	get it	remarks - this release:	2003-11-28: WG secretary reports: Timed out of Rel-5, moved to Rel-6.		
	R4-29	1 . 3 . 0	R4-030934					
TR 25.869	Transmitter diversity solutions for multiple antennas							
Rel-5	current version: none	WG (prime / other):	R1 / -	rapporteur:	KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.		
	freeze_meeting: RP-15	G:	U: yes	MCC:	SASAKI, Tsukasa			
	history (event, available, version, comments):			remarks - general:				
	draft	0 . 1 . 0		remarks - this release:	RP-20: to Rel-6.			
	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				
TR 25.876	Multiple Input Multiple Output (MIMO) antennae in UTRA							
Rel-5	current version: none	WG (prime / other):	R1 /	rapporteur:	HUANG, Howard	Lucent Technologies		
	freeze_meeting: RP-15	G:	U: yes	MCC:	SASAKI, Tsukasa			
	history (event, available, version, comments):			remarks - general:	RP-20: reference to HSDPA removed from title			
	R1-21	0 . 0 . 0	R1-010879		remarks - this release:	2003-11-03: Timed out of Rel-5, must be Rel-6.		
	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				
	RP-24	1 . 5 . 0	(not presented at meeting)					
	R1-38	1 . 5 . 1						
	R1-38	1 . 6 . 0	R1-041021					
	draft 2004-08-30	1 . 6 . 1		get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.885	UMTS 1800 / 1900 MHz work items report								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> NUMMINEN, Jussi	NOKIA Corporation					
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar						
	<i>history (event, available, version, comments):</i>								
	RP-13 2001-10-01 1 . 0 . 0	RP-010672. RP-17: withdrawn.	get it	<i>remarks - general:</i>	RP-17: withdrawn. RP-18 unwithdrawn.				
				<i>remarks - this release:</i>	RP-17: withdrawn.				
<hr/>									
TR 25.886	Small technical enhancements and improvements work item								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> KWAK, Joe	INTERDIGITAL COMMUNICATIONS CORPORATION					
	<i>freeze_meeting:</i> RP-15	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar						
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>	RP-17: withdrawn.				
<hr/>									
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	MCC: SASAKI, Tsukasa						
	<i>history (event, available, version, comments):</i>								
	R1-22 0 . 0 . 1	R1-011342		<i>remarks - general:</i>					
	RP-14 (ex R1-22) 2001-12-07 1 . 0 . 0	R1-040188	get it	<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	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> RP-16	G: U: yes	MCC: SASAKI, Tsukasa						
	<i>history (event, available, version, comments):</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	MCC: GUTIERREZ MIGUELEZ, Cesar						
	<i>history (event, available, version, comments):</i>								
	draft 0 . 0 . 0			<i>remarks - general:</i>					
	RP-16 2002-06-26 1 . 0 . 0	RP-020376	get it	<i>remarks - this release:</i>	RP-22: Went off the boil after RP-16. No need for it any more.				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.893 Radio access bearer scenarios

Rel-5 *current version:* none
freeze_meeting: RP-19
history (event, available, version, comments):

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: 2003-05-26: to be stopped, relevant parts to be moved to 25.993. RP-20: to Rel-6 (but expected to be stopped in 2003-09 and contents moved to 25.993).

TR 25.951 Base Station (BS) classification (FDD)

Rel-5 *current version:* none
freeze_meeting: RP-16
history (event, available, version, comments):

WG (prime / other): R4 / - *rapporteur:* SÄYNNÄJÄKANGAS, NOKIA Corporation
G: *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
remarks - this release: 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.

RP-13 2001-10-01 1 . 1 . 0 moved from Rel-4
R4-23 1 . 2 . 0 R4-020688
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:
history (event, available, version, comments):

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 notion
remarks - this release: No technical contents, merely a pointer to the latest Release version. of this TR, so

stopped.

Rel-5 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version, comments):
TP-10 2001-01-05 0 . 1 . 1 SP-000657

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this spec
remarks - this release: TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is scrapped.
is scrapped.

TS 27.226 Global Text telephony (GTT);Terminal aspects

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version, comments):

WG (prime / other): T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

remarks - general: SP-16: to "GERAN" set.
remarks - this release: 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, comments):

WG (prime / other): T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

remarks - general: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.
remarks - this release: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

Rel-5 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none
freeze_meeting: NP-16
history (event, available, version, comments):
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
draft 1 . 1 . 0

WG (prime / other): N3 / *rapporteur:* HOLLAND, Nigel mm02 plc
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* NP-19: to Rel-6
[get it](#)
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.163	Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG	
	<i>freeze_meeting:</i> NP-18	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>					
	N3-16	0 . 0 . 0			<i>remarks - general:</i>
	N3-17	2001-06-01 0 . 1 . 0	N3-010185, N3-010199, N3-010201 and get it		<i>remarks - this release:</i> 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	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
	NP-16	5 . 0 . 0	Interim step; not to be produced. See sub-parts.		<i>remarks - general:</i>
					<i>remarks - this release:</i> Split into sub-parts.

TS 29.198-09	Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> ABARCA, Chelo	ALCATEL S.A.	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i> No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 - ES 915-9.
					<i>remarks - this release:</i> 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. 202

TS 29.198-10	Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>					
					<i>remarks - general:</i> No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4 - ES 915-10.
					<i>remarks - this release:</i> 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. 202

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.203	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, comments):</i>					
<i>remarks - general:</i> superseded by 29.903					
<i>remarks - this release:</i> . TSG#11:creation; superseded by 29.903					

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, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> WI approved TSG#7					

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, comments):</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.					

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, comments):</i>					
<i>remarks - general:</i> RP-19: stopped.					
<i>remarks - this release:</i> .					

TR 29.998-04-2	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, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> SP-14 stopped.					

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-04-3 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, comments):

remarks - general:

remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05-2 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, comments):

remarks - general:

remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05-3 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, comments):

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, comments):

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 studies.

remarks - this release: NP-18: Evidently Rel-5 is indeed required!

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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 *current version: none* *WG (prime / other): T3 / -* *rapporteur: VIALLET, Sophie* Indicate persons who left Company and wait for new One
freeze_meeting: TP-16 G: U: yes *MCC: JURISIC, Andrijana*
history (event, available, version, comments):
TP-15 2002-03-19 0 . 0 . 2 TP-020031 [get it](#) *remarks - general:* additional rapporteur: Florence Martin.
TP-15 2002-03-19 1 . 0 . 0 TP-020075 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.116 Remote APDU Structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications
Rel-5 *current version: none* *WG (prime / other): T3 / -* *rapporteur: VIALLET, Sophie* Indicate persons who left Company and wait for new One
freeze_meeting: TP-16 G: yes U: yes *MCC: JURISIC, Andrijana*
history (event, available, version, comments):
TP-15 2002-03-19 0 . 1 . 0 TP-020032 [get it](#) *remarks - general:* additional rapporteur: Florence Martin
TP-15 2002-03-19 1 . 0 . 0 TP-020076 [get it](#) *remarks - this release:* 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 *current version: none* *WG (prime / other): T3 /* *rapporteur: BARNES, Nigel* MOTOROLA Ltd
freeze_meeting: G: U: yes *MCC: JURISIC, Andrijana*
history (event, available, version, comments):
draft 2004-03-22 0 . 3 . 0 T3-030912 [get it](#) *remarks - general:* WI @ T3-01 0338, UID = 2518
remarks - this release: .

TS 31.131 C-language binding for (Universal) Subscriber Identity Module ((U)SIM) API
Rel-5 *current version: none* *WG (prime / other): T3 /* *rapporteur: RODERMUND, Friedhelm* Vodafone D2 GmbH
freeze_meeting: TP-16 G: U: yes *MCC: JURISIC, Andrijana*
history (event, available, version, comments):
TP-14 2002-01-02 1 . 0 . 0 TP-010249 [get it](#) *remarks - general:* Test spec is 34.131.
remarks - this release: TP-17: Clear that the spec is Rel-6 not Rel-5.

Rel-5 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108	Telecommunication management; Subscriber and equipment trace								
Rel-5	<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, comments):</i>			get it	<i>remarks - general:</i>	2002-04-29: source Christian Toche - will not be published. Replace with 32.411,			
	draft 2001-11-08	0	. 0	.	get it	<i>remarks - this release:</i>	SP-15: Partial service only.	32..42x and 52.008.	
	draft 2002-02-26	0	. 1	.					

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, comments):</i>				<i>remarks - general:</i>	SP-15: stopped, no draft ever having been produced.			
					<i>remarks - this release:</i>	.			

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, comments):</i>				<i>remarks - general:</i>	SP-15: stopped, no draft ever having been produced.			
					<i>remarks - this release:</i>	.			

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: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	SP-15: stopped, no draft ever having been produced.			
					<i>remarks - this release:</i>	.			

TS 32.140	Telecommunication 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: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	2004-03-29: S5 Project Manager: "services operations management" removed from title.			
	draft 2001-06-27	0	. 1	.	get it	<i>remarks - this release:</i>	SP-15: move to Rel-6.		
	draft 2002-01-21	0	. 5	.	get it				
	draft 2002-01-28	0	. 5	.	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.312-2	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, comments):</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: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i> SP-17: moved to Rel-6.	
<hr/>				
TS 32.682	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)			
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: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i> SP-17: moved to Rel-6.	
<hr/>				
TS 32.683	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)			
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: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i> SP-17: moved to Rel-6.	
<hr/>				
TS 32.684	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)			
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: yes U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i> SP-17: moved to Rel-6.	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 32 .- series
Server location: 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, comments):

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, comments):

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Ltd (3)
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.
remarks - this release: .2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

Rel-5 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-16 G: yes U: *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-12		0	.	0	.	0	SP-010278		<i>remarks - general:</i>	SP-20: Superseded by 41.101 Rel-5.
SP-12	2001-07-05	0	.	1	.	0	SP-010384	get it	<i>remarks - this release:</i>	SP-20: Superseded by 41.101 Rel-5.
SP-13	2001-10-01	1	.	0	.	0	SP-010421	get it		
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 *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, comments):

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.

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-5 *current version:* none *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, comments):

									<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.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 42 .- series
Server location: 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>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i> 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 03.31 R99 and 43.031 Rel-4 & Rel-5 -> <i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. 23.031.		
TS 43.035	Immediate Service Termination (IST); Stage 2				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035. <i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.		
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>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i> GP-06 2003-06-17 1 . 0 . 0 GP-011962	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 access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.930 Iur-g interface; Stage 2

Rel-5 *current version:* none *WG (prime / other):* G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: GP-09 Jose Luis

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-09 0 . 3 . 0 GP-020733

GP-09 2002-04-22 0 . 4 . 0 GP-021274

draft 2002-07-19 0 . 5 . 1

GP-10 2002-07-19 5 . 0 . 0

GP-11 2002-09-16 5 . 1 . 0 GP-11: withdrawn and technically

identical document issued as TS 43.130.

remarks - general: GP-11: Withdrawn and replaced with 43.130.

remarks - this release: This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11: Withdrawn and replaced with 43.130.

[get it](#)

[get it](#)

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[get it](#)

Rel-5 **49** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-5 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: Skov

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest
remarks - this release: . Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both
"GSM" and "UMTS" problems.

Rel-5 **50** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-5 50 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099 GERAN project plan and open issues

Rel-5 *current version:* none
freeze_meeting: GP-09
history (event, available, version, comments):
GP-08 2002-04-04 0 . 0 . 14 GP-020277 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
GP-08 2002-03-20 0 . 0 . 15 GP-020515 [get it](#) *remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Fel-5
Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.
draft 2002-03-20 0 . 1 . 6 [get it](#) frozen, so migrated to Rel-6.

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
freeze_meeting: TP-15
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-11 *G:* U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-08	2000-06-30	1	.	0	.	0		get it	<i>remarks - general:</i>	SP-20: Superseded by 21.101 Rel-4.
SP-10	2001-01-04	1	.	1	.	0		get it	<i>remarks - this release:</i>	SP-20: Superseded by 21.101 Rel-4.
SP-11	2001-04-11	4	.	0	.	0		get it		
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		
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	withdrawn -> 21.101	get it		

Rel-4 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

remarks - general: Transfer>TSG#4
remarks - this release: TSG#11: Becomes 42.043 for Rel-4 (!).

TS 22.112 USIM toolkit interpreter; Stage 1

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
freeze_meeting: SP-11 *G:* U: yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-10	2001-01-11	1	.	0	.	0		get it	<i>remarks - general:</i>	
TP-11	2001-04-09	4	.	0	.	0	withdrawn TP-13	get it	<i>remarks - this release:</i>	TP-13: Rel-4 withdrawn, since stage 2 not ready.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 22 .- series
Server location: 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, comments):

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, comments):

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, comments):

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 [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, comments):

WG (prime / other): S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 23 .- series
Server location: 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	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson	Nippon Ericsson K.K.			
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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				
<hr/>							
TR 23.814	Separating RR and MM specific parts of the MS Classmark						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> YOKOTA, Fumihiko	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>						
	NP-11 4 . 0 . 0 doa. Stick at R99.			<i>remarks - general:</i> New after TSG#5			
				<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.			
<hr/>							
TR 23.821	Architecture Principles for Reelase 2000						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LIND, Christer	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</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			
<hr/>							
TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID						
Rel-4	<i>current version:</i> none	<i>WG (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, comments):</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				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.907	Quality of Service (QoS) concept					
Rel-4	<i>current version:</i> 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, comments):</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, comments):</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, comments):</i>					
	SP-11	4 . 0 . 0		<i>remarks - general:</i> TSG#5: 1.0.0		
				<i>remarks - this release:</i> Sultan, Apr-2001: abandoned in early 2000. July-2001: replaced by 23,228.		

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-11	4 . 0 . 0		<i>remarks - general:</i>		
				<i>remarks - this release:</i> Sultan Apr-2001: contents out of date, not appropriate for Rel-4.		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.925	UMTS Core network based ATM transport				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
<i>history (event, available, version, comments):</i>					
		<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn. SP-			
		<i>remarks - this release:</i> SP-20: stopped 20: stopped			

TR 23.972	Circuit switched multimedia telephony				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version, comments):</i>					
NP-11 4 . 0 . 0		doa. Stick at R99.			
		<i>remarks - general:</i> New after TSG#5. Minor title change TSG#7.			
		<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.			

Rel-4 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004	Layer 1 - General Requirements				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> THOMAS, Rémi	France Telecom	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
GP-04 4 . 0 . 0					
		<i>remarks - general:</i> Apr-2001: Not required. See 44.004.			
		<i>remarks - this release:</i> Apr-2001: Not required. See 44.004.			

TS 24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
Rel-4	<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-11	G: yes U: yes	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
have been N2 anyway). Agreed to					
		<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> TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should txfer to G2, but still as 24.012.			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 24 .- series
Server location: 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 *G:* *U:* *MCC:* N, A One
history (event, available, version, comments): *remarks - general:*
remarks - this release: .

TR 24.946 reserved
Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* VACANT,
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* N, A
history (event, available, version, comments): *remarks - general:*
remarks - this release:

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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 *G:* *U:* yes *MCC:* N, A One
history (event, available, version, comments): [get it](#) *remarks - general:* -> 25.143
Start of work 2000-08-01 0 . 0 . 1 *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, comments): *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 access.

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.835	Report on hybrid ARQ type II/III								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	RP-09 2000-10-16 1 . 0 . 0								
		<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	SITTE, Armin	SIEMENS AG			
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude				
								get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.
<hr/>									
TR 25.837	Hybrid ARQ Type II/III (lub/lur aspects)								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09 2000-09-21 0 . 1 . 0								
		<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	BRANDT, Achim V.	SIEMENS AG			
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
								get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.
<hr/>									
TR 25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-12 2001-07-05 0 . 2 . 0								
	RAN3 approved 2001-10-01 0 . 3 . 0								
		<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	PARK, Jin Hyo	SK TELECOM			
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i> RP-15 (past R3-31): No upgrade to Rel-5. RP-19: stopped.
<hr/>									
TR 25.842	Smart antenna								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-09 2001-01-12 1 . 0 . 0								
		<i>WG (prime / other):</i>	R1 / -	<i>rapporteur:</i>	HU, Jinling	China Academy of Telecommunications Technology			
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	SASAKI, Tsukasa				
								get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> 2003-11-28: WG Chairman indicates that this item is stopped.
									<i>remarks - this release:</i> .RP-15: Not to be promoted to Rel-5. Post-RP-20: info received that the corresponding work item was stopped at RP-10, so expect this TR to be scrapped at RP-21. 2003-11-28: WG Chairman indicates that this item is stopped.
<hr/>									
TR 25.845	FDD RACH and AICH performance requirements								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	draft 2000-12-20 0 . 0 . 2								
	draft 2001-05-14 0 . 0 . 3								
		<i>WG (prime / other):</i>	R4 / -	<i>rapporteur:</i>	VIHRIÄLÄ, Jaakko	NOKIA Corporation			
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.846	CPCH performance								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> KWAK, Joe	INTERDIGITAL COMMUNICATIONS CORPORATION			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i> 2001-02-13: scrapped	
								<i>remarks - this release:</i> .	
<hr/>									
TR 25.852	lu enhancements for IP Multimedia (IMS) support in UTRAN								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> GODIN, Philippe	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-11 2001-04-06	0	. 0	. 0	get it	<i>remarks - general:</i> 2003-09-08: Title changed from "Radio access bearer support enhancements for the			
	draft 2003-11-12	0	. 1	. 2	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5. RP-19: future to be discussed R3-35. TP-20: to Rel-6.			
	lu".								
<hr/>									
TR 25.924	Opportunity Driven Multiple Access (ODMA)								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LAW, Alan	VODAFONE LTD			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	RP-03 1999-04-23	0	. 0	. 1	get it	<i>remarks - general:</i>			
	RP-04 1999-06-23	0	. 1	. 0	get it	<i>remarks - this release:</i> 2002-01-23: .WG Secretary reports that this is really R99. Watch this space. 2002-02-			
	RP-05 1999-10-13	0	. 2	. 0	get it	25 (Van der Veen): No further interest, so spec withdrawn.			
	RP-06 1999-12-17	1	. 0	. 0	get it				
<hr/>									
TR 25.932	Delay budget within the access stratum								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PENAS, Enrico	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-08 2000-06-23	1	. 0	. 0	get it	<i>remarks - general:</i> ->25.853 @ TSG#10.			
	RP-09 2000-10-05	1	. 1	. 0	get it	<i>remarks - this release:</i> TSG#10:2.0.0; approved renumbered as 25.853.			
	RP-10 2001-01-22	2	. 0	. 0	get it				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.933	IP transport in UTRAN								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version, comments):</i>								
	draft 2000-05-15	0	0	1			get it	<i>remarks - general:</i>	
	R3-13 2000-06-15	0	1	0			get it	<i>remarks - this release:</i>	2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
	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		

TR 25.938	Terminal power saving features								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	draft 2000-08-15	0	0	1			get it	<i>remarks - general:</i>	R3-27: abandoned.
	draft 2000-10-05	0	1	0			get it	<i>remarks - this release:</i>	RP-15: Withdrawal confirmed.
	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		

TR 25.951	Base Station (BS) classification (FDD)								
Rel-4	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	R4-13 2000-11-21	0	0	1	R4-000572		get it	<i>remarks - general:</i>	
	RP-10 2000-12-21	1	0	0	RP-000598		get it	<i>remarks - this release:</i>	2002-01-24: Gutierrez: moved to Rel-5
	R4-16	1	0	1	R4-010257				
	RP-13 2001-10-01	1	1	0	RP-010681		get it		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.952 Base Station classification (TDD)
Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS CORPORATION
freeze_meeting: *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
draft 2000-11-21 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 2000-12-21 1 . 0 . 0 [get it](#) *remarks - this release:* -> Rel-5
RP-11 2001-04-10 1 . 1 . 0 [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 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
remarks - general: This is NOT the same as 25.995! Title to be reviewed. RP-23: RAN rejected the notion
remarks - this release: No technical contents, merely a pointer to the latest Release version. 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 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-11 4 . 0 . 0 *remarks - general:* Replaced by 26.978.
remarks - this release: Replaced by 26.978.

TS 26.226 Cellular text telephone modem; General description
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitron AB
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-08 2000-06-23 0 . 0 . 0 [get it](#) *remarks - general:* SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text
SP-09 2000-10-18 0 . 0 . 9 [get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5 telephony (GTT);Transport of text in the voice channel".
draft 2000-10-24 0 . 0 . 10 [get it](#)
SP-10 2000-12-21 4 . 0 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.230 Cellular text telephone modem; Transmitter bit exact C-code
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-10 2000-12-21 2 . 0 . 0 SP-000750 *remarks - general:* SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text
SP-10 2000-12-21 4 . 0 . 0 [get it](#) *remarks - this release:* TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.
telephony (GTT); Cellular text telephone modem transmitter C-code description" to
reflect document

TS 26.235 Packet switched conversational multimedia applications; Default codecs
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
draft 2000-10-01 0 . 0 . 1 [get it](#) *remarks - general:*
draft 2000-11-16 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.
SP-10 2000-12-21 1 . 0 . 0 NP-000567 [get it](#)
SP-11 2001-04-10 4 . 0 . 0 [get it](#)
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general:
remarks - this release: No work, will never appear as 4.0.0 (Usai, Mar 2001)

TR 26.920 Architectural Model for the 3G Transcoders
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-03 1999-04-26 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.
remarks - this release: .

Rel-4 **28** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 28 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):

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, comments):

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, comments):

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 access.

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WITHDRAWN specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.504	Work Plan and Study Items - RAN WG4					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> IWASA, Masaaki	MOTOROLA JAPAN LTD		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>					
	RP-03 1999-04-23 0 . 0 . 0	get it	<i>remarks - general:</i> RP-20: stopped			
	draft 2000-12-21 0 . 8 . 6	get it	<i>remarks - this release:</i> 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				

TR 30.801	Overall Project Plan					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	draft 1999-07-30 0 . 1 . 0	get it	<i>remarks - general:</i>			
	draft 1999-08-30 0 . 2 . 0	get it	<i>remarks - this release:</i> 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				

TR 30.802	Project plan on Bearer Services and QoS					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-05 1999-10-13 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-09 4 . 0 . 0		<i>remarks - this release:</i> 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.			

TR 30.804	Project plan on GSM/UMTS Interoperation and Mobility Management					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-05 1999-10-13 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			

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WITHDRAWN specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.806	Project plan on Location based services					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</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/>						
	Rel-4	31 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/31_series		
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WITHDRAWN specs Rel-4 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects
Rel-4 *current version:* none *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-Mobile International AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
TP-15 2002-03-28 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains [get it](#) *remarks - general:*
valid. *remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 Telecommunication management; 3G Performance Management
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* HÜBINETTE, Ulf Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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.

TS 32.105 3G charging and billing; Stage 2 description
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-06 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](#)

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
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.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP); Information Service (IS)			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i> TSG#8: split into eight parts				
<i>remarks - this release:</i> SP-12: withdrawn.				

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 (SS)	none	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> TSE, Edwin
	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i> TSG#8: split into eight parts				
<i>remarks - this release:</i> SP-12: withdrawn.				

TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)			
Rel-4	<i>current version:</i> Solution Set (SS)	none	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i> TSG#8: split into eight parts				
<i>remarks - this release:</i> SP-12: withdrawn.				

TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic CM Integration Reference Point (IRP); Information model (including Network Resource Model)			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i> TSG#8: split into eight parts				
<i>remarks - this release:</i> SP-12: withdrawn.				

TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)			
Rel-4	<i>current version:</i> Solution Set (SS)	none	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i> TSG#8: split into eight parts				
<i>remarks - this release:</i> SP-12: withdrawn.				

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
Rel-4	<i>current version:</i> Solution Set (SS)	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf		
	SIEMENS AG								
	<i>freeze_meeting:</i> SP-12		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
						<i>remarks - general:</i>	TSG#8: split into eight parts		
						<i>remarks - this release:</i>	SP-12: withdrawn.		
<hr/>									
TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	SP-11 2001-03-28 4 . 0 . 0					get it	<i>remarks - general:</i>	TSG#8: split into eight parts	
							<i>remarks - this release:</i>	SP-12: withdrawn. See 32.600.	
<hr/>									
TS 32.111	3G Fault Management								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	CICCHITTO, Gaetano	SIEMENS Mobile Communications S.p.A.	
	<i>freeze_meeting:</i> SP-11		G:	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	SP-11 2001-03-28 4 . 0 . 0					get it	<i>remarks - general:</i>	TSG#8: split into 4 parts	
							<i>remarks - this release:</i>	.	
<hr/>									
TS 32.112-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S5	/	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>		G:	U: yes		<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>								
	SP-12 2 . 0 . 0						<i>remarks - general:</i>	SP-12: stopped. See 32.311.	
							<i>remarks - this release:</i>	.	
<hr/>									
TS 32.112-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i>	S2	/	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>		G:	U: yes		<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>								
	SP-12 2 . 0 . 0						<i>remarks - general:</i>	SP-12: stopped. See 32.312.	
							<i>remarks - this release:</i>	.	

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.140	Telecommunication management; Subscription Management (SuM) requirements								
Rel-4	<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> NP-13	G: yes	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	draft 2000-08-01 0 . 1 . 0			get it	<i>remarks - general:</i>	2004-03-29: S5 Project Manager: "services operations management" removed from title.			
					<i>remarks - this release:</i>	TSG#8:0.1.0 but associated WI not approved. SP-12: moved to rel-5.			
<hr/>									
TS 32.301-1	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	PIRT, Trevor	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-18 2 . 0 . 0			get it	<i>remarks - general:</i>	Replaces 32.106 (pars). SP-12: stopped. See 32.301.			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point (IRP): Information Service								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-18 2 . 0 . 0			get it	<i>remarks - general:</i>	Replaces 32.106- 2SP-12: stopped. See 32.302.			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 32.301-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> solution set	none		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	SCHEER, Randal	Lucent Technologies
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-18 2 . 0 . 0			get it	<i>remarks - general:</i>	Replaces 32.106-3 SP-12: stopped. See 32.303.			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: Common Management Information Protocol (CMIP) solution								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-18 2 . 0 . 0			get it	<i>remarks - general:</i>	Replaces 32.106-4 SP-12: stopped. See 32..304.			
					<i>remarks - this release:</i>	.			

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
								<i>remarks - general:</i> -> 32.111	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-Mobile International AG					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-21 1 . 0 . 0					get it	<i>remarks - general:</i> was 32.104 (pars). SP-13: replaced by 52.402.		
	SP-13 2001-10-11 2 . 0 . 0	SP-010467 approved as 52.042				get it	<i>remarks - this release:</i>		
<hr/>									
TS 32.601-1	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John						
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.601.		
							<i>remarks - this release:</i> .		
<hr/>									
TS 32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic CM Integration Reference Point (IRP) information model								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.		
							<i>remarks - this release:</i> .		
<hr/>									
TS 32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> 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, comments):</i>								
	SP-12 2001-06-18 2 . 0 . 0					get it	<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.		
							<i>remarks - this release:</i> .		

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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	
	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>	G: U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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	
	SIEMENS AG				
	<i>freeze_meeting:</i>	G: U: yes	MCC: ZOICAS, Adrian		
	<i>history (event, available, version, comments):</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>	.	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.602-5	Telecommunication management; Configuration Management (CM); CM: Bulk Configuration Management Integration Reference Point (IRP): XML file format definition			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rporteur:</i> N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 2001-06-18 2 . 0 . 0	get it	<i>remarks - general:</i>	SP-12: stopped. See 32.615.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-1	Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 2001-06-18 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.621.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 2001-06-18 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-3	Telecommunication management; Configuration Management (CM); Part 3: Generic 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>rporteur:</i> POLLAKOWSKI, Olaf
	SIEMENS AG			
	<i>freeze_meeting:</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 2001-06-18 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-4	Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) Common Management Information			
Rel-4	<i>current version:</i> Protocol (CMIP) solution set	none	<i>WG (prime / other):</i> S5	/- <i>rporteur:</i> TOVINGER, Thomas
	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 2001-06-18 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.624.
			<i>remarks - this release:</i>	.

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.621-1	Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor						MOTOROLA Ltd
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-12 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, comments):</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, comments):</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								
Rel-4	<i>current version:</i> Protocol (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, comments):</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, comments):</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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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.622-2	Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): 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: U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf			
	SIEMENS AG								
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-12 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	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas			
	Telefon AB LM Ericsson								
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-12 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>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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>	G: yes U:	<i>MCC:</i>	ZOICAS, Adrian					
	<i>history (event, available, version, comments):</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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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): Common Object Request Broker
Rel-4 *current version: Architecture (CORBA) solution set* none *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf
SIEMENS AG

freeze_meeting: G: yes U: MCC: ZOICAS, Adrian
history (event, available, version, comments):
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 /- *rporteur:* TOVINGER, Thomas
Telefon AB LM Ericsson

freeze_meeting: G: yes U: MCC: ZOICAS, Adrian
history (event, available, version, comments):
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 /- *rporteur:* ESCOTT, Adrian Hutchison 3G UK Ltd (3)
freeze_meeting: G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):
draft 0 . 3 . 5

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.
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 /- *rporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
freeze_meeting: SP-11 G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general:
remarks - this release:

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WITHDRAWN specs Rel-4 33 .- series
Server location: 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 / SAGE *rapporteur:* VACANT,
freeze_meeting: SP-11
history (event, available, version, comments):
draft 2 . 0 . 0 only available as *remarks - general:* Source: ETSI SAGE.
[http://www.3gpp.org/TB/other/algorithms/](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.
KASUMI_Eval_rep_v20.pdf
G: *U:* yes *MCC:* POPE, Maurice

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, comments):
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, comments):
SP-10 1 . 0 . 0 *remarks - general:* Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.
SP-10 2001-01-04 1 . 0 . 1 *remarks - this release:* SP-20: Superseded by 41.101 Rel-4.
SP-11 2001-04-11 4 . 0 . 0 [get it](#)
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 editorial 2002-06-25 4 . 5 . 1 [get it](#)
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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

Rel-4 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1
Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-11 2001-04-10 4 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1
Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:* SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

TS 42.048 Security mechanisms for the SIM Application Toolkit; Stage 1
Rel-4 *current version:* none *WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12 [get it](#) *remarks - general:* TP-12: Becomes 22.048.
remarks - this release: TP-12: Becomes 22.048.

TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1
Rel-4 *current version:* none *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general: Scrapped - see 22.053, Rel-4 onwards.
remarks - this release:

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WITHDRAWN specs Rel-4 43 .- series
Server location: 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, comments):</i> SP-11 2001-04-10 4 . 0 . 0 SP-18: withdrawn.	<i>G:</i> yes <i>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 & Rel-5 ->						
			<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. 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, comments):</i> SP-11 2001-04-10 4 . 0 . 0 SP-15 2002-03-26 4 . 1 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
		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, comments):</i> post-NP-14 2002-01-23 4 . 0 . 0 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
		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, comments):</i> TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JURISIC, Andrijana						
		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 access.

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WITHDRAWN specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	SÉBIRE, Guillaume	NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, comments):</i>					
	GP-02 2001-01-05 4 . 0 . 0			get it	<i>remarks - general:</i>	Originally created as 03.51r00
					<i>remarks - this release:</i>	Created after TSG#8. GP-08: withdrawn
<hr/>						
TS 43.063	Packet Data on Signalling channels service (PDS) Service description, Stage 2					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>					
	NP-11 2001-04-11 4 . 0 . 0			get it	<i>remarks - general:</i>	2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
					<i>remarks - this release:</i>	2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
						withdraw.
						work not continued beyond R99, so proposes to withdraw.
<hr/>						
TS 43.071	Location Services (LCS); Functional description; Stage 2 (GSM)					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	BROOK, Richard	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i>					
	SP-11 4 . 0 . 0				<i>remarks - general:</i>	Superseded by 23.271 Rel-4.
					<i>remarks - this release:</i>	Superseded by 23.271 Rel-4.

Rel-4 **44** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.008	Mobile radio interface layer 3 specification					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	N1 / G2	<i>rapporteur:</i>	HOWELL, Andrew	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>					
	NP-11 2001-04-11 4 . 0 . 0			get it	<i>remarks - general:</i>	withdrawn at NP-15.
					<i>remarks - this release:</i>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 44 .- series
Server location: 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:* JURISIC, Andrijana

history (event, available, version, comments):
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 Codexs; 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, comments):

remarks - general: -> 28.062
remarks - this release: -> 28.062

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: *G: yes U:* *MCC:* Skov
JURISIC, Andrijana

history (event, available, version, comments):

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to latest
remarks - this release: . 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 access.

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WITHDRAWN specs Rel-4 50 .- series
Server location: 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, comments):

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, comments):

SP-11 4 . 0 . 0 not to be produced

remarks - general: Apr 2001 - Sultan:no Rel-4 will exist

remarks - this release: Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.

TS 50.089 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

Rel-4 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

remarks - general:

remarks - this release: Usai Apr-2001: will never be produced.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Rel-4 50 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099	GERAN project plan and open issues						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> GRANT, Marc		Cingular Wireless LLC	
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	draft 2000-10-09	0 . 0 . 1		get it	<i>remarks - general:</i>		2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
	draft 2000-04-02	0 . 0 . 2		get it	<i>remarks - this release:</i>		GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly numbered
Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.							
	draft 2000-11-06	0 . 0 . 2		get it			and were not subsequent at all, so do not appear in history; latest draft is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".
	draft 2000-05-08	0 . 0 . 3		get it			
	draft 2000-05-28	0 . 0 . 4		get it			
	GP-04 2000-05-10	0 . 0 . 6	2002-01-23: Usai indicates "stopped".	get it			
	draft	0 . 0 . 7					
	draft	0 . 0 . 8					
	GP-05	0 . 0 . 9					
	GP-06	0 . 0 . 10					
	GP-07	0 . 0 . 11					
	GP-07	0 . 0 . 12					
	GP-07	0 . 0 . 13					
	draft 2002-04-12	0 . 0 . 15		get it			
	GP-09 2002-04-22	0 . 0 . 16	GP-021208	get it			
	draft 2002-09-17	0 . 0 . 20		get it			
	GP-12 2002-11-26	0 . 23 . 0	GP-023436	get it			

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.071	Location Services (LCS); Location services (LCS) management						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-11 2001-03-28	4 . 0 . 0	withdrawn SP-13	get it	<i>remarks - general:</i>		
	SP-13 2001-10-03	4 . 1 . 0	This is the version declaring itself to be withdrawn. A sort of non-version. Anti-bootstrapping (autointerment?)	get it	<i>remarks - this release:</i>		SP-13: withdrawn - see SP-010472.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

R00

R00 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series**TS 02.68 Voice Group Call Service (VGCS); Stage 1**R00 *current version:* none
freeze_meeting:
history (event, available, version, comments):
smg-32 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, comments):
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, comments):
smg-32 2001-01-16 9 . 0 . 0*WG (prime / other):* S3 / NP / GP *rapporteur:* NGUYEN NGOC, Sebastien France Telecom
G: yes U: *MCC:* POPE, Maurice[get it](#) *remarks - general:*
remarks - this release:

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WITHDRAWN specs R00 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.51	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
					<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>rporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 2000-05-30 0 . 0 . 1					
			get it		<i>remarks - general:</i>	
					<i>remarks - this release:</i> replaced by 43.059	
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-32 2000-06-20 9 . 0 . 0					
			get it		<i>remarks - general:</i>	
					<i>remarks - this release:</i> #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0	
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rporteur:</i> MÜNNING, Dirk	DETECON GMBH		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-30 2000-06-20 9 . 0 . 0					
			get it		<i>remarks - general:</i>	
					<i>remarks - this release:</i> #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0	
<hr/>						
	R00	04 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/04_series		
<hr/>						

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R00 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18	Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	smg-32 2000-06-20 9 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> Aug00: replaced by 44.018
<hr/>						
TS 04.68	Group Call Control (GCC) Protocol					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-32 2000-06-20 9 . 0 . 0 >44.069v4.0.0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 04.69	Broadcast Call Control (BCC) protocol					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	smg-32 2000-06-20 9 . 0 . 0 ->44.069v4.0.0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						

R00 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R00 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: Skov

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-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: N, A

history (event, available, version, comments):

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 access.

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WITHDRAWN specs R00 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R00 *current version:* none *freeze_meeting:* WG (prime / other): G3new/ S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

smg-32 2000-06-20 9 . 0 . 0
edito 2000-07-12 9 . 0 . 1

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
[get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 by Rel-5 equivalent. 2001-11-19: G4->G5.

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R00 *current version:* none *freeze_meeting:* WG (prime / other): G3new/ S1 / NP / T2 / SCP *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

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, comments):

draft 2000-08-15 0 . 0 . 1
RP-10 2000-09-21 0 . 1 . 0 RP-000642

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* -> Rel-4

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
smg-30 1999-11-11 8 . 0 . 0 SP-15: withdrawn since SMG and PT- [get it](#) *remarks - general:*
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, comments):
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, comments):
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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none	<i>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, comments):</i>								
	smg-29 1999-06-25 8 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-30 1999-11-11 8 . 0 . 0 withdrawn			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #30: 8.0.0 TSG#6->3g				
<hr/>									
TS 02.04	General on Supplementary Services								
R99	<i>current version:</i> none	<i>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, comments):</i>								
	smg-28 1999-02-12 8 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-29 1999-06-26 8 . 1 . 0 withdrawn (becomes 22.004)			get it	<i>remarks - this release:</i>				
<hr/>									
TS 02.07	Mobile Station (MS) Features								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WATSON, John	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	smg-29 1999-06-25 8 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-30 8 . 1 . 0 withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.				<i>remarks - this release:</i> TSG#6: withdrawn				
<hr/>									
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	Upgrade to R99 2000-06-30 8 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI publication 2001-06-05 8 . 0 . 1 SP-18: Withdrawn in favour of 22.031.			get it	<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R99	<i>current version:</i> none	<i>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, comments):</i>						
	Upgrade to R99	2000-02-14	8 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI publication	2001-06-05	8 . 0 . 1	get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032 R99.	
<hr/>						
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R99	<i>current version:</i> 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, comments):</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>	
					withdrawn -> 22.034	
<hr/>						
TS 02.38	SIM application toolkit (SAT); Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version, comments):</i>						
					<i>remarks - general:</i> Moved from T3 Jan-00.	
					<i>remarks - this release:</i> Place holder - no spec.	
<hr/>						
TS 02.40	Procedures for Call Progress Indications					
R99	<i>current version:</i> none	<i>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, comments):</i>						
	smg-30	1999-11-11	8 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> R99 -> 22.101	
					withdrawn. The text for 02.40 was moved to 22.001. refer to CR 22.001-001 which resulted in version 3.1.0 of 22.001.	
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> 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, comments):</i>						
	smg-29	1999-06-25	8 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
					withdrawn -> 22.042	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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)			
<hr/>						
TS 02.60	General Packet Radio Service Stage 1 Description					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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)			
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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)			
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IBIDUN, Kunle	ORANGE SA		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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)			
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> IGNATIUS, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.94 Follow Me Service description; Stage 1
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-28 1 . 0 . 0
smg-30 1999-11-11 8 . 0 . 0 Withdrawn wef SP-21 [get it](#) *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.
GSM/UMTS spec, 22.094.

2003-07-21 (Clayton): S1 have decided to scrap this spec in favour of a common GSM/UMTS spec, 22.094.

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions
R99 *current version:* none *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: SP-06 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: Never produced; make do with R98 version.

TS 03.31 Fraud Information Gathering System (FIGS); Service description; Stage 2
R99 *current version:* none *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, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0 SP-18: withdrawn [get it](#) *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
in 43.031. SP-18: in fact, in 23.031.

TS 03.35 Immediate Service Termination (IST); Stage 2
R99 *current version:* none *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, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
SP-11 2001-04-04 8 . 1 . 0 [get it](#) *remarks - this release:* SP-16: withdrawn in favour of 23.035 R99.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43 Support of Videotex
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-06
history (event, available, version, comments):
frozen at v7 2000-11-20 8 . 0 . 0
(withdrawn)

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: Frozen at v7

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: Sticks at v7

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release:

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: clamped at v7

TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2
R99 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* ROBERTS, Martin Nortel
freeze_meeting: SP-06 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.63 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:* JURISIC, Andrijana
history (event, available, version, comments):
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, comments):
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, comments):
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:* JURISIC, Andrijana
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0
Editorial correction 2000-04-27 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - general:*
remarks - this release: TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 04 .- series
Server location: 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

WG (prime / other): - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
G: yes U: MCC: N, A

history (event, available, version, comments):

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

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

WG (prime / other): G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R99 will
Changed from G2 to G1 at same time.
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

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes U: MCC: BOSWARTHICK, David

history (event, available, version, comments):

smg-29 1999-06-25 8 . 0 . 0 withdrawn -> 27.001

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

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WITHDRAWN specs R99 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-29 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, comments):
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, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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, comments):
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)

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WITHDRAWN specs R99 09 .- series
Server location: 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, comments):</i> WITHDRAWN 2000-05-29 8 . 0 . 0
	<i>WG (prime / other):</i> TISPAN / N4 <i>G:</i> yes <i>U:</i> <i>rapporteur:</i> SPORTON, Simon VODAFONE Group Plc <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, comments):</i> smg-29 1999-06-25 8 . 0 . 0
	<i>WG (prime / other):</i> N1 / - <i>G:</i> yes <i>U:</i> <i>rapporteur:</i> DAWES, Peter VODAFONE LTD <i>MCC:</i> JURISIC, Andrijana
	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, comments):</i>
	<i>WG (prime / other):</i> N1 / - <i>G:</i> yes <i>U:</i> <i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov <i>MCC:</i> JURISIC, Andrijana
	<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, comments):</i> draft 1998-04-17 1 . 2 . 0 empty! smg-28 1999-06-30 1 . 11 . 0
	<i>WG (prime / other):</i> S1 / - <i>G:</i> yes <i>U:</i> <i>rapporteur:</i> KOKKOLA, Tommi NOKIA Corporation <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.

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WITHDRAWN specs R99 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)				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm/Vodafone D2 GmbH		
		G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i> 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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i> draft 1999-08-15 0 . 0 . 8 draft 1999-10-15 1 . 0 . 0 2002-01-23: Usai indicates "stopped".	get it get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped". <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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</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 get it get it get it	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped". <i>remarks - this release:</i> 2002-01-23: Usai indicates "stopped".		

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G3new/ S1 / NP / T2 / SCP	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
		G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i> 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		

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WITHDRAWN specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R99 *current version:* none *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
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, comments):
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, comments):
remarks - general:
remarks - this release: 3.0.0 dates from June 99

TS 21.100 3G specification handling procedures
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-06 G: U: yes MCC: N, A
history (event, available, version, comments):
SP-08 2000-06-28 1 . 0 . 0
[get it](#) *remarks - general:* Knobbed prior to SA#8.
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.906 reserved
R99 *current version:* none *WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G:* U: yes *MCC:* N, A
history (event, available, version, comments):
First complete draft 1999-03-04 0 . 0 . 0 [get it](#) *remarks - general:*
SP-03 3 . 0 . 0 *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 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-05 1999-10-13 3 . 0 . 1 [get it](#) *remarks - general:* Transfer>TSG#4
SP-08 2000-06-28 3 . 1 . 0 [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 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-06 3 . 0 . 0 *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 *WG (prime / other):* - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES
freeze_meeting: SP-03 *G:* U: yes *MCC:* N, A
history (event, available, version, comments):
Table of Contents 1997-10-19 0 . 0 . 2 [get it](#) *remarks - general:* CR at TSG#4 Not maintained
and Scope *remarks - this release:* Withdrawn (Clayton 2000-02-11)
First complete draft 1997-12-19 1 . 0 . 0 [get it](#)
WG approval 1998-02-15 2 . 0 . 0 [get it](#)
smg-25 1998-03-20 3 . 0 . 0 [get it](#)
SP-03 1999-04-22 3 . 1 . 2 [get it](#)
SP-04 1999-06-23 3 . 1 . 3 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.924	Charging and accounting mechanisms				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-03	G:	U: yes	MCC: N, A	
<i>history (event, available, version, comments):</i>					
Table of Contents and Scope	1997-10-19	0	0	1	get it <i>remarks - general:</i>
First complete draft	1997-12-19	1	2	1	get it <i>remarks - this release: .</i>
WG approval	1997-02-15	2	0	0	get it
smg-25	1998-03-20	3	0	0	get it
smg-28	1999-02-15	3	1	0	get it
SP-03	1999-04-23	3	1	1	get it
<hr/>					
TR 22.925	Quality of Service (QoS) and network performance				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> ERIKSSON, Olle	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-03	G:	U: yes	MCC: N, A	
<i>history (event, available, version, comments):</i>					
First complete draft	1997-06-13	1	1	0	get it <i>remarks - general:</i>
WG approval	1997-12-19	2	0	0	get it <i>remarks - this release: .</i>
smg-25	1998-03-20	3	0	0	get it
SP-03	1999-04-23	3	1	1	get it
<hr/>					
TR 22.960	Mobile multimedia services				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-03	G:	U: yes	MCC: N, A	
<i>history (event, available, version, comments):</i>					
Table of Contents and Scope	1997-10-17	0	0	4	get it <i>remarks - general:</i>
First complete draft	1997-12-19	1	0	0	get it <i>remarks - this release: .</i>
WG approval	1997-02-15	2	0	0	get it
SP-03	1999-04-23	3	0	1	get it withdrawn
<hr/>					
TR 22.970	Virtual Home Environment (VHE) Report				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-03	G:	U: yes	MCC: N, A	
<i>history (event, available, version, comments):</i>					
SP-03	1999-04-23	3	0	1	get it <i>remarks - general:</i>
					<i>remarks - this release: .</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.972 Circuit-switched multimedia
R99 *current version: none* *WG (prime / other): - / -* *rapporteur: CLAYTON, Michael* EMCOM Ltd
freeze_meeting: SP-06 *G: U: yes* *MCC: N, A*
history (event, available, version, comments):
First complete draft 1999-04-23 0 . 0 . 0
[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* *WG (prime / other): - / -* *rapporteur: DETTNER, Harald* SIEMENS AG
freeze_meeting: SP-08 *G: U: yes* *MCC: N, A*
history (event, available, version, comments):
SP-03 1999-05-30 3 . 0 . 0
[get it](#) *remarks - general:* superseded by 23.910
remarks - this release: TSG#7:3.0.0 - later scrapped

TS 23.022 Functions related to Mobile Station (MS) in idle mode and group receive mode
R99 *current version: none* *WG (prime / other): - / -* *rapporteur: ANDERSEN, Niels Peter* MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U: yes* *MCC: N, A*
history (event, available, version, comments):
SP-03 1999-04-23 3 . 0 . 0
SP-04 1999-06-23 3 . 1 . 0
[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* *WG (prime / other): - / -* *rapporteur: DETTNER, Harald* SIEMENS AG
freeze_meeting: SP-08 *G: U: yes* *MCC: N, A*
history (event, available, version, comments):
SP-03 1999-05-30 3 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: 3.0.0 Apr 99 - later scrapped

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.044	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, comments):</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, comments):</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, comments):</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, comments):</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> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.070	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, comments):</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
<hr/>					
TS 23.071	Location Services (LCS); Functional description; Stage 2				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
<i>history (event, available, version, comments):</i>					
	SP-04 1999-05-30	3 . 0 . 0	get it	<i>remarks - general:</i>	superseded by 25.305
				<i>remarks - this release:</i>	.
<hr/>					
TS 23.073	Support of Localised Service Area (SoLSA); Stage 2				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>					
	NP-05 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.
					SP-16: reverts to 03.73 since applies to GERAN systems only.
<hr/>					
TS 23.920	Evolution of the GSM platform towards UMTS				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-08	G: yes U: yes	<i>MCC:</i> N, A		
<i>history (event, available, version, comments):</i>					
	Table of Contents and Scope	1997-10-17	0 . 0 . 3	get it	<i>remarks - general:</i>
					<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 draft	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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.922	Architecture for an All IP network						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	SP-05 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, comments):</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. SP-				
	and Scope		<i>remarks - this release:</i> SP-20: stopped 20: stopped				
	SP-03 1999-04-23 0 . 2 . 0 (caution: doc may be corrupted)	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, comments):</i>						
	First complete draft 1999-04-23 0 . 0 . 0	get it	<i>remarks - general:</i> Replaced by 23.127				
	SP-03 1999-04-23 0 . 1 . 0 withdrawn	get it	<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11).				
<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, comments):</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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.012	Short Message Service Cell Broadcast (SMS-CB) 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, comments):</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			
			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> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</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, comments):</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.			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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, comments):

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, comments):
First complete draft 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

WG (prime / other): - / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
G: yes *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* Withdrawn in favour of 25.123 & 25.133
[get it](#) *remarks - this release:* Withdrawn
[get it](#)
[get it](#)

TR 25.831 Study Items for future release

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
RP-03 1999-04-23 0 . 0 . 0
RP-04 1999-06-23 0 . 0 . 2

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-19 (post R3-31): stopped.

TR 25.923 Stage 2 Functional Specification of Location Services in UTRAN

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
draft 1999-04-30 1 . 0 . 0
draft 1999-09-01 1 . 2 . 0
draft 1999-09-30 1 . 4 . 0

WG (prime / other): - / - *rapporteur:* STEER, David G NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* superseded by 25.305
[get it](#) *remarks - this release:* .
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 25 .- series
Server location: 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, comments):
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, comments):
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
[get it](#) update was done at RP-13, so this can now be withdrawn.

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, comments):

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 notion
remarks - this release: No technical contents, merely a pointer to the latest Release version. of this TR, so

stopped.

R99 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 access.

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WITHDRAWN specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.075	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</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, comments):</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, comments):</i>				
	Creation of WI by WG/TB	2000-02-02 0 . 0 . 1	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.	
<hr/>					
TS 26.121	Technical Specification for Tandem Free Operation within 3G networks				
R99	<i>current version:</i> none	<i>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, comments):</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, comments):</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

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, comments):</i>		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
		<i>remarks - general:</i> Stopped: Included in 26.131 & '132. <i>remarks - this release:</i> .			

TS 26.134	Wide band speech telephony terminal acoustic test specification				
R99	<i>current version:</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, comments):</i>		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
		<i>remarks - general:</i> Stopped: Included in 26.131 & '132. <i>remarks - this release:</i> .			

TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony				
R99	<i>current version:</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, comments):</i>		<i>G:</i> yes U: yes	<i>MCC:</i> USAI, Paolino		
		<i>remarks - general:</i> Stopped: Included in 26.131 & '132. <i>remarks - this release:</i> .			

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, comments):</i>		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
		<i>remarks - general:</i> Stopped: Included in 26.131 & '132. <i>remarks - this release:</i> .			

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, comments):</i>		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
		<i>remarks - general:</i> Stopped: Included in 26.131 & '132. <i>remarks - this release:</i> .			

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 26 .- series
Server location: 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, comments):
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, comments):
SP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:*
SP-04 1999-06-23 0 . 0 . 1 [get it](#) *remarks - this release:* No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.

R99 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3
R99 *current version: none* WG (prime / other): S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-06 G: yes U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
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, comments):
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.005	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, comments):</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, comments):</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, comments):</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 access.

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WITHDRAWN specs R99 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.531 Work Plan and Study Items - RAN WG3

R99 *current version:* none
freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
G: U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

draft	1999-02-15	0 . 0 . 1	get it	<i>remarks - general:</i>
draft	1999-03-15	0 . 0 . 2	get it	<i>remarks - this release:</i> 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to Rel-6
draft	1999-04-15	0 . 0 . 3	get it	
RP-03	1999-04-23	0 . 1 . 0	get it	
draft	1999-05-15	0 . 1 . 1	get it	
RP-04	1999-06-23	0 . 1 . 2	get it	
RP-05	1999-10-13	0 . 3 . 1	get it	
draft	1999-10-30	0 . 3 . 2	get it	
draft	1999-11-15	0 . 4 . 0	get it	
draft	1999-11-30	0 . 4 . 1	get it	
RP-06	1999-12-12	0 . 5 . 0	get it	
draft	2000-01-15	0 . 5 . 1	get it	
draft	2000-02-15	0 . 6 . 0	get it	
draft	2000-02-20	0 . 6 . 1	get it	
RP-07	2000-03-15	0 . 7 . 0	get it	RP-000142
draft	2000-03-30	0 . 7 . 1	get it	
RP-08	2000-06-23	0 . 8 . 0	get it	
RP-09	2000-08-15	0 . 8 . 1	get it	
RP-09	2000-10-03	0 . 8 . 2	get it	
RP-10		0 . 8 . 5		RP-000688
draft	2000-12-21	0 . 8 . 6	get it	
RP-11	2001-03-27	0 . 8 . 8	get it	
RP-12	2001-07-05	0 . 9 . 0	get it	RP-010388
RP-13	2001-10-01	0 . 9 . 2	get it	RP-010604
draft	2001-11-23	0 . 9 . 3	get it	R3-013076
R3-42	2004-05-04	0 . 13 . 1	get it	R3-040684

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 access.

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WITHDRAWN specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects

R99 *current version:* none *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-Mobile International AG
freeze_meeting: TP-12 *G:* *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-11	2001-04-05	1	.	0	.	0	Thought to have been approved as 3.0.0, get it <i>remarks - general:</i> but in fact was not! (JMM after Sanders 2001-05-16) <i>remarks - this release:</i> TP-16: withdrawn; only Rel-5 remains valid.
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 valid. get it

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, comments):

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, comments):

SP-05	1999-10-13	1	.	0	.	0	get it <i>remarks - general:</i> TSG#8: split into eight parts
SP-06	1999-12-17	1	.	1	.	0	get it <i>remarks - this release:</i> SP-08: multipart split from parent 3.0.1
SP-07		2	.	0	.	0	
SP-07	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 access.

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WITHDRAWN specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111	3G Fault Management								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CICCHITTO, Gaetano	SIEMENS Mobile Communications S.p.A.			
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
	SP-05	1999-10-13	1 . 0 . 0		get it	<i>remarks - general:</i> TSG#8: split into 4 parts			
	SP-06	1999-12-17	1 . 1 . 0		get it	<i>remarks - this release:</i> 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								
	Formatting	2000-07-18	3 . 2 . 0		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>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry			
	<i>freeze_meeting:</i> SP-06			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-08	2000-06-23	1 . 2 . 0		get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> 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>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-10			<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>								
	SP-10	2001-01-16	1 . 0 . 0	SP-000629	get it	<i>remarks - general:</i> TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.			
	SP-10		3 . 0 . 0	withdrawn, not needed for R99		<i>remarks - this release:</i> TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.			

R99 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R99 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document R99	<i>current version: 1: General</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</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		
<hr/>								
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document R99	<i>current version: 2: Algorithm specification</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</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		
<hr/>								
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document R99	<i>current version: 3: Implementors' test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</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		
<hr/>								
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document R99	<i>current version: 4: Design conformance test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
	VODAFONE Group Plc							
	<i>freeze_meeting:</i>	SP-10	G:	<i>U:</i> yes	<i>MCC:</i>			POPE, Maurice
	<i>history (event, available, version, comments):</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		

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WITHDRAWN specs R99 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.209 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document R99
current version: 5: Summary and results of design and evaluation noneWG (prime / other): S3 /- rapporteur: WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
SP-11 3 . 0 . 0

remarks - general: ex SAGE
remarks - this release: This turns out to be a report, so -> 35.909.

UMTS

UMTS 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.01U Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)
UMTS current version: none WG (prime / other): SMG5 / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC:
history (event, available, version, comments):
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): SMG5 / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC:
history (event, available, version, comments):
smg-05 3 . 0 . 0

remarks - general:
remarks - this release: .

UMTS 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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WITHDRAWN specs UMTS 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.01U	Universal Mobile Telecommunications System (UMTS); Objectives and overview					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version, comments):</i>	G: U: yes	<i>MCC:</i> POPE, Maurice			
	ETSI publication 3 . 0 . 0					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TR 01.03U	Universal Mobile Telecommunications System (UMTS); System requirements					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> SMG5 / -	<i>rapporteur:</i> RICHARDS, Derek			IPWireless Inc.
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 1996-05-15 3 . 1 . 0 withdrawn	get it	<i>remarks - general:</i> ETSI ETR 291 withdrawn.			<i>remarks - this release:</i> ETSI ETR 291, withdrawn.
<hr/>						
TR 01.04U	Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> N, A			
	smg-19 1996-09-28 3 . 0 . 0	get it	<i>remarks - general:</i>			<i>remarks - this release:</i> .
<hr/>						
TR 01.05U	System design methodology for the UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> SMG5 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i>			
	<i>history (event, available, version, comments):</i>					
	draft 1 . 0 . 0		<i>remarks - general:</i>			<i>remarks - this release:</i> .

UMTS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01U Framework for services to be supported by UMTS
UMTS *current version:* none *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, comments):
Suspended 1996-04-10 3 . 0 . 0 *G:* yes *U:* *MCC:* N, A
animation [get it](#) *remarks - general:*
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 *freeze_meeting:* *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, comments):
Suspend work 1996-10-10 2 . 0 . 0 *G:* *U:* yes *MCC:* POPE, Maurice
[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 *freeze_meeting:* *WG (prime / other):* SP / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, comments):
draft 1997-10-10 2 . 0 . 0 *G:* *U:* yes *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
remarks - this release: .

UMTS 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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WITHDRAWN specs UMTS 06 .- series
Server location: 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 One
freeze_meeting:
history (event, available, version, comments):
draft 1996-10-10 3 . 0 . 0
G: U: yes *MCC:* POPE, Maurice
[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 One
freeze_meeting:
history (event, available, version, comments):
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 One
freeze_meeting:
history (event, available, version, comments):
G: U: yes *MCC:* POPE, Maurice
remarks - general:
remarks - this release: .

UMTS **12** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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WITHDRAWN specs UMTS 12 .- series
Server location: 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:* *WG (prime / other):* S5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, comments):
Waiting - see 1995-10-12 3 . 0 . 0 *G:* *U:* yes *MCC:* ZOICAS, Adrian
"secretariat [get it](#) *remarks - general:*
comments" *remarks - this release:* .

TR 12.02U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS
UMTS *current version:* none *freeze_meeting:* *WG (prime / other):* S5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, comments):
Waiting - see 1996-10-10 3 . 0 . 0 *G:* *U:* yes *MCC:* ZOICAS, Adrian
"secretariat [get it](#) *remarks - general:*
comments" *remarks - this release:* .

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:* *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
history (event, available, version, comments):
smg-22 1997-06-13 3 . 0 . 0 *G:* *U:* *MCC:* USAI, Paolino
ETSI publication 1998-11-03 3 . 0 . 1 [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:* *WG (prime / other):* - / - *rapporteur:* HOLLEY, Kevin mm02 plc
history (event, available, version, comments):
draft 2000-01-17 1 . 0 . 0 *G:* *U:* *MCC:* N, A
[get it](#) *remarks - general:*
remarks - this release: #26: 0.0.2 or perhaps as 1.0.0

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WITHDRAWN specs UMTS 21 .- series
Server location: 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:* WEICHSELBAUM, Steffen Vodafone D2 GmbH

G: U: *MCC:* N, A

history (event, available, version, comments):

First complete draft	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

Indicate persons who left Company and wait for new One

G: U: *MCC:* N, A

history (event, available, version, comments):

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

NORTEL NETWORKS (EUROPE)

G: U: *MCC:* N, A

history (event, available, version, comments):

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](#)

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WITHDRAWN specs UMTS 22 .- series
Server location: 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>	<i>G:</i> U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-25 3 . 0 . 0			<i>remarks - this release:</i>	
	smg-26 1998-07-01 3 . 1 . 0			get it	
<hr/>					
TR 22.07U	UMTS terminal and smart card concepts				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SMOLANDER, Jouni	NOKIA Corporation	
	<i>freeze_meeting:</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</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				
<hr/>					
TS 22.21U	Virtual Home Environment				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 22.24U	Charging and Accounting Mechanism				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CHAMBERS, David	MOTOROLA Ltd	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-25 1998-05-28 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0	
				get it	
<hr/>					
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>	<i>G:</i> U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-25 1998-05-28 3 . 1 . 0			<i>remarks - this release:</i> #25: 3.1.0	
				get it	

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WITHDRAWN specs UMTS 22 .- series
Server location: 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, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
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, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
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, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
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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, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 22.45U	Human Factors,service principles and their application to UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.50U	Subscriber and service profile requirements									
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	MCC: N, A						
	<i>history (event, available, version, comments):</i>									
										<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 22.55U	UMTS user identity modules									
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	MCC: N, A						
	<i>history (event, available, version, comments):</i>									
										<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 22.60U	Mobile multimedia services including mobile Intranet and Internet services									
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	MCC: N, A						
	<i>history (event, available, version, comments):</i>									
	smg-25 1998-05-28 3 . 0 . 0									get it <i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0
<hr/>										
TS 22.70U	Virtual Home Environment									
UMTS	<i>current version:</i> 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, comments):</i>									
	draft 0 . 0 . 7 1997-10-19									<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0
	draft 1 . 0 . 0 1997-12-19									
	draft 2 . 0 . 0 1998-02-15									
	smg-25 2001-05-28 3 . 0 . 0									get it
<hr/>										
TS 22.71U	Service aspects; Automatic Establishment of Roaming Relationships									
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>						
	<i>freeze_meeting:</i>		G: U:	MCC: N, A						
	<i>history (event, available, version, comments):</i>									
	smg-25 3 . 0 . 0									<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0 #27: 3.0.1
	smg-27 1998-10-17 3 . 0 . 1									get it

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.72U	Real Time Multimedia in UMTS				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FISCHER, Ralf	ROBERT BOSCH GmbH	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
					<i>remarks - this release:</i> .
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TS 22.75U	Service aspects; Advanced addressing				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KLEIER, Stephan	Vodafone D2 GmbH	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-25 2 . 0 . 0				<i>remarks - this release:</i> #25: 2.0.0 #27: 3.0.0
	smg-27 1998-10-17 3 . 0 . 0	get it			
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TR 22.80U	UMTS Relationship to other Standards				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	First complete draft 1997-10-19 1 . 0 . 2	get it			<i>remarks - this release:</i> #24: 2.0.1
	WG approval 1997-11-07 2 . 0 . 0	get it			
	Under TB change 1998-03-20 2 . 0 . 1	get it			
	control.				
	Milestone 1 1997-12-19 2 . 0 . 1	get it			

UMTS **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.01U	UMTS Network principles				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: U:	MCC: N, A		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-27 1999-02-24 3 . 0 . 0	get it			<i>remarks - this release:</i> #27: for info

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.05U	UMTS Network principles				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>	N, A	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i>	N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 23.10U	UMTS Access Stratum; Services and Functions				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i>	N, A	
	<i>history (event, available, version, comments):</i> smg-27 1999-02-24 3 . 0 . 0		get it		<i>remarks - general:</i> <i>remarks - this release:</i> #27: for info
<hr/>					
TS 23.20U	Evolution of the GSM platform towards UMTS				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Ltd (3)	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i>	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i> smg-27 1 . 0 . 0				<i>remarks - general:</i> <i>remarks - this release:</i> #27: for info
<hr/>					
TS 23.40U	UMTS Network Aspects; Relationship with UPT				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i>	N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 23.50U	UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i>	N, A	
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release:</i> .

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WITHDRAWN specs UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.60U	UMTS Network Aspects; UMTS data organization					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 23.70U	UMTS Network Aspects; UMTS operations and procedures					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 23.80U	UMTS Network Aspects; Signalling requirements for 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, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 23.90U	UMTS Network Aspects; Network performance requirements					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 23.95U	UMTS Network Aspects; Network functions relevant to satellites					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
	draft 0 . 0 . 0			<i>remarks - this release:</i> .		

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WITHDRAWN specs UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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, comments): *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, comments): *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, comments): *remarks - general:*
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.15U UMTS Radio Aspects; Modulation
UMTS *current version: none*
freeze_meeting:

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

history (event, available, version, comments):

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:

WG (prime / other): - / rapporteur: N, A
G: U: yes MCC: N, A

history (event, available, version, comments):

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:

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

history (event, available, version, comments):

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

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WITHDRAWN specs UMTS 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.00U Principles for handling of data services in the UMTS

UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
First complete draft 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, comments):
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, comments):
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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WITHDRAWN specs UMTS 30 .- series
Server location: 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, comments):
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 Peter MOTOROLA A/S
freeze_meeting: G: U: MCC: Skov
USAI, Paolino
history (event, available, version, comments):
First complete draft 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, comments):
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, comments):
SMG approval by 2 . 0 . 0 1997-06 *remarks - general:*
correspondence *remarks - this release:* #24: 3.1.0
SMG approval by 3 . 0 . 0 1997-09
correspondence
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 access; U = required in systems with UMTS access.

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WITHDRAWN specs UMTS 31 .- series
Server location: 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):* / *rporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One
history (event, available, version, comments): G: U: yes MCC:
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):* / *rporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One
history (event, available, version, comments): G: U: yes MCC:
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):* SMG12 / - *rporteur:* SZELAZEK, Bill Hutchison 3G UK Ltd (3)
freeze_meeting: G: U: yes MCC: SULTAN, Alain
history (event, available, version, comments): 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 access.

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WITHDRAWN specs UMTS 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.20U Security principles for the UMTS

UMTS *current version:* none
freeze_meeting:
history (event, available, version, comments):
smg-19 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, comments):
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-27 1999-02-21 3 . 0 . 0
smg-28 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: U: *MCC:* N, A

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: for info
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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, comments):
draft 0 . 0 . 0

WG (prime / other): SP / *rapporteur:* N, A *Indicate persons who left Company and wait for new One*
G: U: yes *MCC:* POPE, Maurice

remarks - general:
remarks - this release: .

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WITHDRAWN specs UMTS 34 .- series
Server location: 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 *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, comments):
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 *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-29 *G:* yes *U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
smg-27 1998-10-16 0 . 1 . 0 [get it](#) *remarks - general:*
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - this release:*
smg-29 1999-06-25 7 . 1 . 0 [get it](#)
smg-30 1999-11-11 7 . 2 . 0 [get it](#) SP-15: withdrawn since SMG and PT-
SMG no longer exist.

R98 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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WITHDRAWN specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, comments):

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: *MCC:* CLAYTON, Michael

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

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, comments):
TP-09 withdrawn 2000-10-04 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.33 Lawful interception; Stage 3

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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WITHDRAWN specs R98 04 .- series
Server location: 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, comments):

draft 1997-03-14 0 . 0 . 0
draft 1998-02-16 1 . 0 . 0
draft 1998-03-27 1 . 1 . 0
draft 1998-07-13 1 . 2 . 1
draft 1998-07-31 1 . 3 . 0
draft 1998-09-17 1 . 3 . 5
draft 1998-09-18 1 . 4 . 0
draft 1998-09-28 1 . 5 . 0
draft 1998-10-05 1 . 6 . 0

[get it](#) *remarks - general:* replaced by 08.62
[get it](#) *remarks - this release:* #25: 1.0.0 for info #27: 1.6.0 for info
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R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: smg-29

G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-26 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

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WITHDRAWN specs R98 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.71 Project scheduling and open issues:Location services (LCS)

R98 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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:

[get it](#)

remarks - this release: #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.

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WITHDRAWN specs R98 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.78 Project scheduling and open issues: CAMEL

R98 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft	1997-02-08	0	.	0	.	0		get it	<i>remarks - general:</i>
draft	1997-03-24	0	.	1	.	0		get it	<i>remarks - this release:</i> July 2002: abandoned
draft	1997-03-27	0	.	1	.	1		get it	
draft	1997-04-09	0	.	1	.	2		get it	
draft	1997-05-07	0	.	2	.	0		get it	
smg-22	1997-06-10	1	.	0	.	0		get it	
draft	1997-06-19	1	.	1	.	0		get it	
draft	1997-07-09	1	.	2	.	0		get it	
draft	1997-09-10	1	.	3	.	0		get it	
smg-23	1997-10-10	1	.	3	.	2		get it	
draft	1997-10-22	1	.	4	.	0		get it	
draft	1997-12-02	1	.	5	.	0		get it	
draft	1998-06-04	1	.	6	.	0		get it	
smg-25	1998-03-10	1	.	6	.	0	abandoned	get it	

TR 10.87 User to User Signalling (UUS)

R98 *current version:* none *WG (prime / other):* S2 / GP *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

remarks - general:
remarks - this release: No draft ever produced.

TR 10.94 Follow Me supplementary service

R98 *current version:* none *WG (prime / other):* SP / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
freeze_meeting: smg-29 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

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 access.

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WITHDRAWN specs R98 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
R98 *current version:* none *freeze_meeting:* smg-29
WG (prime / other): G3new/ S1 / NP / T2 / SCP
rapporteur: SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R98 *current version:* none *freeze_meeting:* smg-29
WG (prime / other): G3new/ S1 / NP / T2 / SCP
rapporteur: SALMERON, Lidia TELEPLUS LIMITED
G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

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, comments):
remarks - general:
remarks - this release: No spec this Release.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R97 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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 One
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
remarks - general:
remarks - this release: No spec this version.

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1
R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
remarks - general:
remarks - this release: No spec this Release

TS 02.33 Lawful Interception (LI); Stage 1
R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
remarks - general:
remarks - this release: (No spec this Release)

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, comments):
remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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 / SPAN *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-26 / T2

G: yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):
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, comments):
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, comments):
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, comments):

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 access.

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WITHDRAWN specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.61 General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3
R97 *current version:* none *WG (prime / other):* - / *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 04.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3
R97 *current version:* none *WG (prime / other):* - / *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
Table of Contents 1996-11-14 0 . 2 . 0 [get it](#) *remarks - general:*
and Scope *remarks - this release:* .

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.21 DCS 1800; 4 Watt Mobile Power Class - study
R97 *current version:* none *WG (prime / other):* - / *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
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, comments):
First complete draft 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 access.

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WITHDRAWN specs R97 08 .- series
Server location: 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 / - *rporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
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):* - / - *rporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* N, A
history (event, available, version, comments):
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):* - / - *rporteur:* HEATON, Graham Aether Systems Inc.
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* N, A
history (event, available, version, comments):
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 access.

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WITHDRAWN specs R97 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20	Lawful Interception requirements for GSM				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-27 1998-10-16 6 . 0 . 0				
		get it	<i>remarks - general:</i> Replaced by 01.33.		
			<i>remarks - this release:</i> SMG#27:6.0.0; replaced by 01.33		

TS 10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PETERSEN, Johan	Apica Technologies	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	smg-25 6 . 0 . 0				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

R97

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> G3new/ S1 /	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>freeze_meeting:</i> smg-26	NP /			
		T2 /			
		SCP			
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC: CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5.		
			<i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

TS 11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> G3new/ S1 /	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>freeze_meeting:</i> smg-26	NP /			
		T2 /			
		SCP			
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC: CLAYTON, Michael		
			<i>remarks - general:</i> 2001-11-19: G4->G5.		
			<i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R97 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 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, comments):
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 scrapped. *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, comments):
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 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements
R97 *current version:* none *WG (prime / other):* S5 / S1 / NP *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
remarks - general:
remarks - this release: No spec

G = required in systems with GERAN access; U = required in systems with UMTS access.

R96

R96 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG						
R96	<i>current version:</i> none	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG			
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</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-25 1998-03-20 5 . 2 . 0	get it	SP-15: withdrawn since SMG and PT-SMG no longer exist.				
<hr/>							
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0						
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version, comments):</i>						
	smg-23 1997-10-17 5 . 0 . 0	get it	<i>remarks - general:</i>				
	withdrawn, smg-25		<i>remarks - this release:</i> #25: withdrawn				
<hr/>							
TR 01.50	Radio Local Loop (RLL) using GSM						
R96	<i>current version:</i> none	<i>WG (prime / other):</i> SMG1 /	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	draft 1995-11-07 1 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
TR 01.51	Dual mode of operation and roaming						
R96	<i>current version:</i> none	<i>WG (prime / other):</i> SMG1 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
			<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 01 .- series
Server location: 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, comments):
smg-23 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:* LEROUDIER, Frederic Aperto Networks Inc.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
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, comments):
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, comments):
remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 02 .- series
Server location: 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	WG (prime / other): - /	rapporteur: LJUNGGREN, Tommy	Northstream AB	
	freeze_meeting: smg-22	G: yes U:	MCC: N, A		
history (event, available, version, comments):					
remarks - general:					
remarks - this release: .					
<hr/>					
TS 02.27	DECT access to GSM networks				
R96	current version: none	WG (prime / other): - /	rapporteur: CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-22	G: yes U:	MCC: N, A		
history (event, available, version, comments):					
remarks - general:					
remarks - this release: .					
<hr/>					
TS 02.28	UPT phase 1				
R96	current version: none	WG (prime / other): - /	rapporteur: KOSYDAR, L	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-22	G: yes U:	MCC: N, A		
history (event, available, version, comments):					
remarks - general:					
remarks - this release: .					
<hr/>					
TS 02.29	Inter operation with UPT phase 2				
R96	current version: none	WG (prime / other): - /	rapporteur: TOEPFER, Armin	Vodafone D2 GmbH	
	freeze_meeting: smg-22	G: yes U:	MCC: N, A		
history (event, available, version, comments):					
remarks - general:					
remarks - this release: .					
<hr/>					
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R96	current version: none	WG (prime / other): S3 /	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-22	G: yes U:	MCC: POPE, Maurice		
history (event, available, version, comments):					
	draft 1997-05-13	1 . 0 . 0	get it	remarks - general:	
	draft 1997-10-01	2 . 0 . 0	get it	remarks - this release: #26: withdrawn	
	smg-23 1997-10-17	5 . 0 . 0	get it		withdrawn

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.33	Lawful Interception (LI); Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	POPE, Maurice	
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-19 1 . 0 . 0			<i>remarks - this release:</i>	
	smg-20 2 . 0 . 0				
	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	G: yes U:	MCC:	N, A	
	<i>history (event, available, version, comments):</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> TOEPFER, Armin	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	N, A	
	<i>history (event, available, version, comments):</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	G: yes U:	MCC:	N, A	
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 02.38	SIM application toolkit (SAT); Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	CLAYTON, Michael	
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> Moved from T3 Jan-00.	
	smg-29 1 . 0 . 0			<i>remarks - this release:</i>	

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WITHDRAWN specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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, comments):</i>			<i>remarks - general:</i> SMG11->S4 at SMG#30	
	smg-23 5 . 0 . 0			<i>remarks - this release:</i>	
	smg-24 5 . 1 . 0	withdrawn			
	SMG-25				
<hr/>					
TS 02.60	General Packet Radio Service Stage 1 Description				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</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, comments):</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, comments):</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, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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WITHDRAWN specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.77	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, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 02.87	User-to-User Signalling (UUS) Service Description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ACHTER, Johannes	T-Mobile International AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
	smg-18 1996-04-12 5 . 0 . 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-20 1996-10-11 5 . 1 . 0	get it			
	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, comments):</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, comments):</i>			<i>remarks - general:</i>	
	smg-16 5 . 0 . 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-19 5 . 1 . 0				
	smg-20 5 . 2 . 0				
	smg-22 5 . 3 . 0				
	smg-23 5 . 4 . 0				
	smg-24 5 . 5 . 0				

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WITHDRAWN specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.96 Name Identification Supplementary Services; Stage 1

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-24 5 . 0 . 0

remarks - general:
remarks - this release: #24: 5.0.0 #25: withdrawn

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: smg-22 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-19 1996-06-28 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 1997-06-13 5 . 1 . 0 [get it](#) *remarks - this release:* #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn
ETSI publication 1997-09-15 5 . 1 . 1 [get it](#)
smg-23 1997-10-17 5 . 2 . 0 [get it](#)

TS 02.98 New barring services; Stage 1

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* SCHMIDT, Günter DETEMOBIL GMBH
freeze_meeting: smg-22 *G: yes U:* MCC: N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CHAPMAN, Neil ORANGE PCS LTD
freeze_meeting: smg-22 *G: yes U:* MCC: N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

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03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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WITHDRAWN specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / SPAN	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
			/ T2			
	<i>history (event, available, version, comments):</i> smg-20 1996-10-11 5 . 0 . 0	G: yes U:	MCC:	KYMALAINEN, Kimmo		
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #20: 5.0.0 (To be withdrawn)			
<hr/>						
TS 03.17	Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> APRATH, Stefan	Vodafone D2 GmbH		
	<i>history (event, available, version, comments):</i> Table of Contents 1996-09-01 0 . 4 . 0 and Scope	G: yes U:	MCC:	N, A		
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.36	Premium rate services - stage 2					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> TOEPFER, Armin	Vodafone D2 GmbH		
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:	N, A		
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited		
	<i>history (event, available, version, comments):</i> 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	<i>remarks - general:</i>	TSG#9:withdrawn cos contains misleading information/references		
		get it	<i>remarks - this release:</i>	#20: 5.0.0TSG#9:withdrawn cos contains misleading information/references		
<hr/>						
TS 03.60	General Packet Radio Service (GPRS); Service description; Stage 2					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>history (event, available, version, comments):</i> smg-23 5 . 0 . 0 smg-24 5 . 1 . 0 smg-25 5 . 2 . 0 smg-25 5 . 3 . 0 withdrawn, SMG-25	G: yes U:	MCC:	YOON, Sang-Ui		
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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WITHDRAWN specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
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, comments):</i>			<i>remarks - general:</i>	
	smg-23 5 . 1 . 0			<i>remarks - this release:</i> .	
	smg-24 5 . 2 . 0 withdrawn SMG-25				
<hr/>					
TS 03.94	Follow Me Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> WIEHE, Ulrich	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, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 03.95	Support of Private Numbering Plan (SPNP); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> Scrapped Jan 98.	
<hr/>					
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, Peter	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, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
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, Peter	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, comments):</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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WITHDRAWN specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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 *WG (prime / other):* - / *rapporteur:* TOEPFER, Armin Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

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 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):

smg-23 1997-10-17 5 . 0 . 0
smg-24 1997-12-19 5 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #25: withdrawn

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)

R96 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):

smg-23 1997-10-17 5 . 0 . 0
smg-24 1997-12-19 5 . 1 . 0

[get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
[get it](#) *remarks - this release:* #25: withdrawn

TS 04.70 Payphone services - stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 04.73 Malicious Call Identification (MCID); Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

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WITHDRAWN specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.78 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 04.79 Support of optimal routeing; Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 04.98 New barring services; Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 04.99 Direct subscriber access and restriction; Stage 3

R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

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05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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WITHDRAWN specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.00	Service to GSM handportables in trains				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VOSKAR, Paul	NOKIA UK Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	N, A	
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 05.18	Hands free mobile station				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	Skov N, A	
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 05.19	Service to GSM handportables in trains				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> WILTSHIRE, Timothy	Indicate persons who left Company and wait for new	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	Robin N, A One	
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TR 05.20	Fast moving Mobile Station (study)				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> REINER, Michaël	Eads Telecom Deutschland GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	N, A	
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 05.30	General packet radio service requirements				
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, comments):</i>				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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WITHDRAWN specs R96 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

R96 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.57 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, comments):

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 Peter MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):

[get it](#) *remarks - general:*
remarks - this release: .

R96 **09** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 09 .- series
Server location: 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):* TISPAN / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 *G: yes U:* MCC:
history (event, available, version, comments):
draft (ETSI TC SPS) 1997-11-10 5 . 2 . 1 [get it](#) *remarks - general:* EN 300 646
remarks - this release: .
draft (ETSI TC SPS) 1999-05-18 5 . 3 . 0 [get it](#)
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:* LEROUDIER, Frederic Aperto Networks Inc.
freeze_meeting: smg-22 *G: yes U:* MCC: N, A
history (event, available, version, comments):
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, comments):
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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs R96 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PETERSEN, Johan	Apica Technologies		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	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> #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	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TARAZI, Roger	EDP Telecom		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-21 5 . 0 . 0		<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TR 10.68	Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> VAN DER AREND, Peter	Koninklijke KPN N.V.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	smg-21 5 . 0 . 0 abandoned		<i>remarks - general:</i>			
			<i>remarks - this release:</i> May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.			

R96

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
R96 *current version:* none *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP / T2 / SCP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface
R96 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA Corporation
freeze_meeting: smg-22 G: yes U: MCC: JURISIC, Andrijana
history (event, available, version, comments):
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, comments):
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

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WITHDRAWN specs R96 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i>	TRUSS, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22					
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> No spec.			

TS 12.04	Performance data measurements					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i>	TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22					
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> No spec.			

Ph2

Ph2 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.05	Definitions					
Ph2	<i>current version:</i> none	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>		<i>remarks - general:</i>			
			<i>remarks - this release:</i> n.a.			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.06 Service implementation phases and possible further phases in the GSM PLMN
Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: G: yes U: MCC: N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 01.07 Updating procedure for GSM Recommendations
Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: G: yes U: MCC: N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

Ph2 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.08 Quality of Service (QoS) / GSM system performance
Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: G: yes U: MCC: N, A
history (event, available, version, comments):
draft 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, comments):
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

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WITHDRAWN specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.06 Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration
Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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, comments):
remarks - general:
remarks - this release:

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks
Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: *G:* yes *U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

Ph2 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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WITHDRAWN specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 *current version:* none *WG (prime / other):* G3new/ S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version, comments):

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		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

GP-04	2001-04-11	4	.	32	.	0	get it
GP-05	2001-06-28	4	.	33	.	0	get it
GP-06	2001-09-06	4	.	34	.	0	get it

TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors
Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech
Ph2 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general:
remarks - this release: (no such spec)

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)
Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:* Title may have been "Network Management (NM); Part 3: Operations and performance
remarks - this release: . management".

Ph1

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 00 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

Ph1 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, comments):
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, comments):
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, comments):
1995-08-25 0 . 2 . 0 [get it](#) *remarks - general:*
1995-10-06 0 . 2 . 1 [get it](#) *remarks - this release:* .
1994-05-10 3 . 0 . 0 [get it](#)
1994-05-10 3 . 0 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.10	Provision of Telecommunication Services					
Ph1	<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: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.12	Licensing					
Ph1	<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: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.13	Subscription to the Services of a GSM PLMN					
Ph1	<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: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.14	Service Directory					
Ph1	<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: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 02.15	Circulation of mobile stations					
Ph1	<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: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.21 Transferred account procedure and billing information
Ph1 *current version: none* *freeze_meeting:* *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, comments): *G: yes U:* *MCC:* YOON, Sang-Ui
Jan 1990 1994-05-10 3 . 3 . 0 [get it](#) *remarks - general:*
? 1994-05-10 3 . 4 . 0 [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
history (event, available, version, comments): *G: yes U:* *MCC:* RODERMUND, Friedhelm
gsm4 2003-05-06 3 . 0 . 0 Jan 1990: title was "Advanced data [get it](#) *remarks - general:*
MHS". *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
history (event, available, version, comments): *G: yes U:* *MCC:* KYMALAINEN, Kimmo
First complete draft 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 access.

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WITHDRAWN specs Ph1 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)
Ph1 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version, comments): *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: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments): *remarks - general:*
remarks - this release:

gsm-32		3 . 6 . 0	
smg-01		3 . 7 . 0	
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 access.

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WITHDRAWN specs Ph1 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)
Ph1 *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G:* yes *U:* *MCC:* N, A
history (event, available, version, comments):
draft 0 . 0 . 0
remarks - general: Title may have been "Network Management (NM); Part 3: Operations and performance
remarks - this release: . management".

TS 12.13 Maintenance of the Mobile-services Switching Centre
Ph1 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: gsm-25b *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 12.14 Maintenance of Location Registers
Ph1 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: gsm-25b *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
remarks - general:
remarks - this release: .

24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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WITHDRAWN specs 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.04U **UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems**
current version: none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G:* *U:* *MCC:* N, A
history (event, available, version, comments): *remarks - general:*
remarks - this release:

32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.103 **(pending)**
current version: none *WG (prime / other):* S5 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments): *remarks - general:* 2003-11-05: S5 declares this spec number will not be used.
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS access.