

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

Title: **Specs status list at the end of TSGs#25**

Document for: **information**

The following table shows the status list at the end of SA#25.

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Active or Withdrawn / Stopped (Active specs first)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Withdrawn / Stopped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

3GPP specification status

Page 2

16 September 2004 20:15:59

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

ACTIVE specs

Rel-7

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

TS 22.011	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: 7.1.0	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			
	SP-25 7 . 1 . 0		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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 3

16 September 2004 20:15:59

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	<i>current version:</i> 7.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i>			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-23	2004-03-23	7 . 0 . 0		get it	<i>remarks - general:</i>			
	SP-25		7 . 1 . 0			<i>remarks - this release:</i>			
<hr/>									
TS 22.101	Service aspects; Service principles								
Rel-7	<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>			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-24	2004-06-14	7 . 0 . 0		get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1								
Rel-7	<i>current version:</i> 7.0.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i>			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-25		7 . 0 . 0			<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 22.953	Multimedia priority service feasibility study								
Rel-7	<i>current version:</i> 0.3.0	DRAFT		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft		0 . 3 . 0	mentioned in S1 report to SP-25		<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 22.978	All-IP feasibility study								
Rel-7	<i>current version:</i> 0.4.0	DRAFT		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SACHNO, Chris	NTT DoCoMo Inc.			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft	2004-06-15	0 . 0 . 0		get it	<i>remarks - general:</i>	SP-24: WI = SP-040303.		
	draft	2004-06-25	0 . 1 . 0		get it	<i>remarks - this release:</i>			
	draft		0 . 3 . 0	S1-040678					
	draft	2004-07-27	0 . 4 . 0	Several different versions 0.4.0 are thought to be at loose in the wild.	get it				

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

3GPP specification status

Page 4

16 September 2004 20:15:59

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

TS 22.979 Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions
Rel-7 *current version:* 0.2.0 DRAFT *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. SP-25: owner is XIX pronounced "nineteen" (aka CSiCS = Circuit
draft 0 . 1 . 0 *remarks - this release:* . Switched IMS Combinational Service) subgroup of S1.
S2-41 2004-09-01 0 . 2 . 0 S1-040800 [get it](#)

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:* 0.1.0 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
S2-41 0 . 1 . 0 *remarks - this release:* .

TR 23.803 Evolution of policy control and charging
Rel-7 *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):
remarks - general: SP-25: WI in SP-040533
remarks - this release: .

TR 23.904 Support of SMS and MMS over generic 3GPP IP access
Rel-7 *current version:* none *WG (prime / other):* S2 / *rapporteur:* ZHANG, Wenlin HUAWEI TECHNOLOGIES Co. Ltd.
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
remarks - general: SP-25: WI in SP-040688
remarks - this release: .

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

3GPP specification status

Page 5

16 September 2004 20:15:59

ACTIVE specs Rel-7 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

Rel-7 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.431	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements								
Rel-7	<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>	
<hr/>									
TS 32.433	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition								
Rel-7	<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>	
<hr/>									
TS 32.434	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Abstract Syntax Notation number 1 (ASN.1) file format definition								
Rel-7	<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>	
<hr/>									
TS 32.731	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):								
Rel-7	<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 32.732	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):								
Rel-7	<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>	G: U: 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 6

16 September 2004 20:15:59

ACTIVE specs Rel-7 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.733	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP): Common								
Rel-7	<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>	G:	U: yes	MCC:	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-7	<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>	G:	U: yes	MCC:	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 32.735	Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):								
Rel-7	<i>current version:</i> eXtensible Markup Language (XML) file format definition	none	<i>WG (prime / other):</i> 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>					
<hr/>									
TR 32.805	Telecommunication management; Process guide; Backward compatibility recommendations								
Rel-7	<i>current version:</i> none	<i>WG (prime / other):</i> s5	/	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated				
	<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>					

Rel-7 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

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

3GPP specification status

Page 7

16 September 2004 20:15:59

ACTIVE specs Rel-7 42 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-7 *current version:* 7.0.0
freeze_meeting:
history (event, available, version, comments):
SP-25 7 . 0 . 0

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

remarks - general:
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
freeze_meeting:
history (event, available, version, comments):

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

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

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

Rel-6 *current version:* none
freeze_meeting: SP-20
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 1999
remarks - this release: . Specifications".

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

3GPP specification status

Page 8

16 September 2004 20:15:59

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

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	inherited from Rel-5	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> 6.3.0			<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	corrects Release shown on cover page	get it				
	SP-24	2004-06-24	6 . 2 . 0		get it				
	SP-25		6 . 3 . 0						

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

3GPP specification status

Page 9

16 September 2004 20:15:59

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	current version: 6.0.0			WG (prime / other):	SP / -	rapporteur:	BISHOP, Craig	SAMSUNG Electronics Research Institute	
	freeze_meeting: SP-21			G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version, comments):								
	SP-18, Evolution meeting #2	2003-01-03	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	remarks - general:	SP-21: On closure of Evolution group, confirmed that ownership stays with SA.		
	revised to add missing text	2003-01-08	0 . 1 . 0		get it	remarks - this release:	SP-20: expect revised drafts 2003-06-20 & 2003-09-05. SP-21: approved as Rel-6 document.		
	SP-19, Evolution meeting #3	2003-03-24	0 . 1 . 1	EV-030002	get it				
	draft	2003-04-07	0 . 2 . 0		get it				
	draft	2003-04-17	0 . 2 . 1	incorporating comments post SP-19	get it				
	SP-20, Evolution meeting #4	2003-06-02	0 . 2 . 2	EV-030042	get it				
	draft	2003-06-20	1 . 1 . 0		get it				
	draft	2003-06-20	1 . 1 . 1		get it				
	Evolution 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	current version: 6.7.0			WG (prime / other):	S1 / -	rapporteur:	ZARRI, Michele	T-Mobile (UK) Ltd	
	freeze_meeting: SP-22			G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version, comments):								
	SP-17	2002-09-16	6 . 0 . 0		get it	remarks - general:	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	remarks - this release:	. 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				

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

3GPP specification status

Page 10

16 September 2004 20:16:00

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 6 . 0 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-20 2003-06-18 6 . 1 . 0	get it	remarks - this release: .			
	SP-22 2004-01-06 6 . 2 . 0	get it				
	SP-23 2004-03-23 6 . 3 . 0	get it				
	SP-24 2004-06-14 6 . 4 . 0	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 6 . 0 . 0	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: 6.3.0	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 6 . 0 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-21 2003-09-30 6 . 1 . 0	get it	remarks - this release: .			
	SP-22 2004-01-06 6 . 2 . 0	get it				
	SP-25 6 . 3 . 0					
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 6 . 0 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-21 2003-09-30 6 . 1 . 0	get it	remarks - this release: .			
	SP-23 2004-03-23 6 . 2 . 0	get it				

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

3GPP specification status

Page 11

16 September 2004 20:16:00

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

Page 12

16 September 2004 20:16:00

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 *current version:* 6.6.0 *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-18	2003-01-10	6	.	0	.	0
SP-19	2003-03-25	6	.	1	.	0
SP-21	2003-09-30	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
SP-25		6	.	6	.	0

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

TS 22.094 Follow Me service description - Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile AUSTRIA GmbH
freeze_meeting: G: yes U: yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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

[get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5 2003-07-21 (Clayton): S1 have decided to scrap
remarks - this release: . 02,94 R99 in favour of a common GSM/UMTS spec, 22.094.

TS 22.101 Service aspects; Service principles

Rel-6 *current version:* 6.8.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: G: U: yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-16	2002-07-04	6	.	0	.	0
SP-17	2002-09-17	6	.	1	.	0
SP-18	2002-12-18	6	.	2	.	0
SP-19	2003-03-25	6	.	3	.	0
SP-20	2003-06-18	6	.	4	.	0
SP-21	2003-09-30	6	.	5	.	0
SP-22	2004-01-06	6	.	6	.	0
SP-23	2004-03-23	6	.	7	.	0
SP-24	2004-06-14	6	.	8	.	0

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

3GPP specification status

Page 14

16 September 2004 20:16:00

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](#)

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
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editorial to fix	2004-07-02	6	.	2	.	1
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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:* 6.6.0

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
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SP-24	2004-06-14	6	.	5	.	0
-------	------------	---	---	---	---	---

SP-25		6	.	6	.	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](#)

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

3GPP specification status

Page 15

16 September 2004 20:16:00

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	<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>			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft	2002-03-27	0 . 6 . 0	S1-020540	get it	<i>remarks - general:</i>			
	draft		0 . 8 . 1			<i>remarks - this release:</i>	SP-15: Timed out of Rel-5. SP-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				

TS 22.177	Speech-enabled services; Stage 1								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd			
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
						<i>remarks - general:</i>	Spec number reserved; production depends on results of feasibility study (22.977).		
						<i>remarks - this release:</i>	.		

TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1								
Rel-6	<i>current version:</i> 6.6.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i>			<i>G:</i> yes <i>U:</i> 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-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.

3GPP specification status

Page 16

16 September 2004 20:16:00

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:* 6.4.0 *WG (prime / other):* S1 / *rapporteur:* BISCHINGER, Kurt T-Mobile AUSTRIA GmbH
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 2 . 0 . 0 SP-030036 *remarks - this release:* SP-17: Expected for SP-18.
SP-19 2003-03-25 6 . 0 . 0 [get it](#)
SP-21 2003-09-30 6 . 1 . 0 [get it](#)
SP-22 2004-01-06 6 . 2 . 0 [get it](#)
SP-23 2004-03-23 6 . 3 . 0 [get it](#)
SP-25 6 . 4 . 0

TS 22.242 Digital Rights Management (DRM); Stage 1

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S1 / *rapporteur:* WOOD, Nicholas Openwave Systems (N.I.) Ltd
freeze_meeting: SP-18 G: U: yes *MCC:* CLAYTON, Michael
history (event, available, version, 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 *remarks - this release:* SP-25: will make this a blank doc just referencing the OMA spec; will not be propagated
in view of St 1 at OMA. Conclusion yes, for now. to Rel-7.
SP-16 2002-07-04 2 . 0 . 0 SP-020261 [get it](#)
SP-16 2002-07-04 6 . 0 . 0 [get it](#)
SP-17 2002-09-17 6 . 1 . 0 [get it](#)
SP-19 2003-03-25 6 . 2 . 0 [get it](#)

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

3GPP specification status

Page 17

16 September 2004 20:16:00

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:* 6.2.0 *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](#)
SP-25 6 . 2 . 0

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* 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.

3GPP specification status

Page 18

16 September 2004 20:16:00

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 but technically incomplete.
	SP-19 2003-03-24 1 . 0 . 0				SP-030037	get it	
	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 specs.
	SP-17 2002-09-16 6 . 0 . 0					get it	
	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.

3GPP specification status

Page 19

16 September 2004 20:16:01

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,

unwithdrawn and approved!

[get it](#)
[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: yes *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Additional rapporteur: B Pramanik (Telcordia). Work item = PRIOR.
[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.

3GPP specification status

Page 20

16 September 2004 20:16:01

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](#)

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.

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: U: yes MCC: CLAYTON, Michael

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

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3GPP specification status

Page 21

16 September 2004 20:16:01

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:* 6.4.0 *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
NP-25		6	.	4	.	0	

TS 23.007 Restoration procedures
Rel-6 *current version:* 6.1.0 *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>
NP-25		6	.	1	.	0	<i>remarks - this release:</i> .

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3GPP specification status

Page 22

16 September 2004 20:16:01

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> 6.3.0	<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	
	NP-25 6 . 3 . 0					
<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> 6.2.0	<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> .
	NP-25 6 . 2 . 0				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				get it	<i>remarks - this release:</i> .

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3GPP specification status

Page 23

16 September 2004 20:16:01

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 *current version:* 6.3.0

freeze_meeting:

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

G: yes *U:* yes *MCC:* Chalmers

MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

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

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

NP-23 2004-03-23 6 . 2 . 0

NP-25 6 . 3 . 0

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

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

[get it](#)

TS 23.038 Alphabets and language-specific information

Rel-6 *current version:* 6.1.0

freeze_meeting:

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

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

history (event, available, version, comments):

TP-21 2003-10-03 6 . 0 . 0

TP_25 6 . 1 . 0

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

remarks - this release: .

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-6 *current version:* 6.5.0

freeze_meeting:

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

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

history (event, available, version, comments):

TP-17 2002-09-18 6 . 0 . 0

post TP-17: adds 2002-09-24 6 . 0 . 1

test vector file

TP-20 2003-06-26 6 . 1 . 0

TP-21 2003-10-08 6 . 2 . 0

TP-23 2004-03-26 6 . 3 . 0

TP-24 2004-06-18 6 . 4 . 0

TP_25 6 . 5 . 0

[get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 *current version:* 6.2.0

freeze_meeting:

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

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

history (event, available, version, comments):

TP-17 2002-09-18 6 . 0 . 0

TP-19 2003-03-25 6 . 1 . 0

TP-22 2004-01-09 6 . 2 . 0

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

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

[get it](#)

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3GPP specification status

Page 24

16 September 2004 20:16:01

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 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTP Communications plc
freeze_meeting: G: yes U: yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-16 2002-06-28 6 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
TP-17 2002-09-18 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-21 2003-10-14 6 . 2 . 0 [get it](#)

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

Rel-6 *current version:* 6.6.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-19 2003-03-27 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-20 2003-06-20 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-21 2003-10-01 6 . 2 . 0 [get it](#)
SP-22 2004-01-06 6 . 3 . 0 [get it](#)
SP-23 2004-04-01 6 . 4 . 0 [get it](#)
SP-24 2004-06-23 6 . 5 . 0 [get it](#)
SP-25 2004-06-23 6 . 6 . 0

TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: G: yes U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-19 2003-04-04 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-6 *current version:* 6.3.0 *WG (prime / other):* N4 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
freeze_meeting: G: yes U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-22 2004-01-07 6 . 0 . 0 [get it](#) *remarks - general:* NP-24: txferred to N4 on closure of N2.
NP-23 2004-04-01 6 . 1 . 0 [get it](#) *remarks - this release:* .
NP-24 2004-06-17 6 . 2 . 0 [get it](#)
NP-25 2004-06-17 6 . 3 . 0

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3GPP specification status

Page 25

16 September 2004 20:16:01

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

TS 23.081	Line Identification supplementary services; Stage 2								
Rel-6	<i>current version:</i> 6.0.0		<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>							<i>remarks - general:</i>	
	NP-25	6 . 0 . 0						<i>remarks - this release:</i>	.
<hr/>									
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	get it				<i>remarks - general:</i>	was 23.907
								<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> 6.2.0		<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.
	NP-25		6 . 2 . 0						

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3GPP specification status

Page 26

16 September 2004 20:16:01

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:* 6.2.0 *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
SP-25		6	.	2	.	0	

SP-040050

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 <i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title. SP-24: To be transferred
SP-24	2004-06-23	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

from S2 to N5 at N/SP-25.

Release 6".

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

Rel-6 *current version:* 6.7.0 *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 <i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.
TP-19	2003-03-31	6	.	1	.	0	get it <i>remarks - this release:</i> TP-22: Discussed whether this work would be transferred to OMA for future Releases (I.e. beyond Rel-6). But there are IPR problems.
TP-20	2003-06-26	6	.	2	.	0	get it
TP-21	2003-10-08	6	.	3	.	0	get it
TP-22	2004-01-12	6	.	4	.	0	get it
TP-23	2004-03-26	6	.	5	.	0	get it
TP-24	2004-06-17	6	.	6	.	0	get it
TP_25		6	.	7	.	0	

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3GPP specification status

Page 27

16 September 2004 20:16:01

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

history (event, available, version, comments):

draft	2002-06-17	0	0	0		get it	<i>remarks - general:</i>
SP-17	2002-10-04	1	0	0	SP-020538 for approval	get it	<i>remarks - this release:</i> .
SP-17	2002-10-07	6	0	0	Many editorial corrections needed before fit for SDO publication.	get it	
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	
SP-25		6	7	0			

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-23	2004-03-22	6	0	0		get it	<i>remarks - general:</i>
NP-25		6	1	0			<i>remarks - this release:</i> .

TS 23.174 Push service; stage 2

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: G: U: yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to reserve the number just in case ...".
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1.

TS 23.198 Open Service Access (OSA); Stage 2

Rel-6 *current version:* none *WG (prime / other):* N5 / - *rapporteur:* GOURRAUD, Christophe ERICSSON RESEARCH CANADA
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: NP-25: Anticipate approval NP-26; see LS in SP-040493.
remarks - this release: .

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3GPP specification status

Page 28

16 September 2004 20:16:01

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 *current version:* 6.4.0 *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
freeze_meeting: G: yes U: yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-21 2003-10-01 6 . 0 . 0 [get it](#) *remarks - general:*
SP-22 2004-01-06 6 . 1 . 0 [get it](#) *remarks - this release:* .
SP-22 2004-01-22 6 . 1 . 1 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](#)
SP-25 2004-06-23 6 . 4 . 0

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

Rel-6 *current version:* 6.2.0 *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-22 2004-01-06 6 . 0 . 0 [get it](#) *remarks - general:*
NP-23 2004-03-22 6 . 1 . 0 [get it](#) *remarks - this release:* .
NP-25 2004-03-22 6 . 2 . 0

TS 23.221 Architectural requirements

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

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

3GPP specification status

Page 29

16 September 2004 20:16:02

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:* 6.7.0

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	
SP-25		6 . 7 . 0			

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

3GPP specification status

Page 30

16 September 2004 20:16:02

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:* 6.2.0 *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

remarks - general:

remarks - this release: [get it](#) SP-18: Anticipate approval SP-19. SP-19: Doc has been split into scenario 2 and scenario 3 parts, and will be for approval at SP-20.

SP-17	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		get it
draft	2003-01-08	1	.	3	.	0		get it
SP-19	2003-03-24	1	.	6	.	0	Annexed to LS in SP-030065 (ex S2-030727),	get it
S2-31		1	.	7	.	0		
draft	2003-04-25	1	.	8	.	0		get it
SP-20	2003-06-17	1	.	10	.	0	SP-030313	get it
S2-34		1	.	14	.	0		
SP-21	2003-09-29	2	.	0	.	0	SP-030391. Not approved - many outstanding issues (no. of scenarios, tunnelling, ...)	get it
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.	get it
draft	2004-01-27	2	.	4	.	0		get it
SP-23	2004-04-07	2	.	5	.	0	SP-040049	get it
SP-23	2004-04-01	6	.	0	.	0	Much editorial work still to be done.	get it
SP-24	2004-06-22	6	.	1	.	0		get it
SP-25		6	.	2	.	0		

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

3GPP specification status

Page 31

16 September 2004 20:16:02

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:* 6.5.0 *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	
SP-25		6 . 5 . 0			

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 32

16 September 2004 20:16:02

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	current version: 6.4.0	WG (prime / other): S2 /	rapporteur: JARVIS, Andre	Hutchison 3G UK Ltd (3)
	freeze_meeting:	G: U: yes	MCC: YOON, Sang-Ui	
history (event, available, version, comments):				
	draft	0 . 0 . 0		
	S2-27 2002-11-14	0 . 1 . 0	get it	remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.
	S2-28	0 . 2 . 0		remarks - this release: SP-15: from Rel-5.
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	
	SP-25	6 . 4 . 0		

TS 23.251 Network sharing; Architecture and functional description

Rel-6	current version: 6.1.0	WG (prime / other): S2 /	rapporteur: NILSSON, Ulf	TeliaSonera AB
	freeze_meeting:	G: U: yes	MCC: YOON, Sang-Ui	
history (event, available, version, comments):				
	draft	0 . 0 . 0		
	draft 2004-05-07	0 . 1 . 0	get it	remarks - general: WI UID = 32044
	draft	0 . 2 . 0		remarks - this release: .
	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	
	SP-25	6 . 1 . 0		

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

3GPP specification status

Page 34

16 September 2004 20:16:02

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

TR 23.841	Presence service architecture								
Rel-6	<i>current version:</i> 6.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	SP-16	2002-07-22	2	.	0	.	0	SP-020319	get it <i>remarks - general:</i>
	SP-16	2002-07-25	6	.	0	.	0		get it <i>remarks - this release:</i> TP-16: clear that service is Rel-6.
<hr/>									
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2								
Rel-6	<i>current version:</i> 6.1.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version, comments):</i>								
	draft	2002-04-12	0	.	3	.	0		get it <i>remarks - general:</i> This is a preparatory report which may result in the creation of a stage 2 TS 23.246.
	S2-24		0	.	4	.	0		<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.
post	S2-24	2002-05-22	0	.	5	.	0		get it
	draft	2002-05-28	0	.	5	.	1		get it
	SP-16	2002-07-04	1	.	0	.	0	SP-020361	get it
	draft	2002-07-19	1	.	1	.	0		get it
	draft	2002-07-22	1	.	1	.	1		get it
	draft	2002-09-16	1	.	2	.	0		get it
	SP-17	2002-09-24	2	.	0	.	0	SP-020535	get it
	SP-17	2002-10-03	6	.	0	.	0		get it
	SP-18	2003-01-13	6	.	1	.	0		get it

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

3GPP specification status

Page 35

16 September 2004 20:16:02

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

TS 23.851 Network sharing; Architecture and functional description

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S2 / *rapporteur:* NILSSON, Ulf TeliaSonera AB
freeze_meeting: *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:* WI UID = 32044
draft 0 . 1 . 0 *remarks - this release:* .
S2-32 2003-05-02 0 . 2 . 0 S2-031973 [get it](#)
S2-33 2003-08-19 0 . 4 . 0 [get it](#)
S2-33 2003-08-19 0 . 4 . 1 [get it](#)
draft 2003-08-29 0 . 5 . 0 [get it](#)
SP-21 2003-09-29 1 . 0 . 0 SP-030388 [get it](#)
draft 2003-11-17 1 . 1 . 0 [get it](#)
S2-36 1 . 2 . 0
S2-38 2004-03-03 1 . 3 . 0 [get it](#)
SP-23 2004-03-22 2 . 0 . 0 SP-040051 [get it](#)
SP-23 2004-04-01 6 . 0 . 0 [get it](#)
SP-24 2004-06-25 6 . 1 . 0 [get it](#)

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](#)

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

3GPP specification status

Page 37

16 September 2004 20:16:02

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

TR 23.898	3GPP access class barring and overload protection								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other):	S2 / -	rapporteur:	DAVIDIAN, Jean-Jacques	DoCoMo Europe S.A.		
	freeze_meeting:		G:	U: yes	MCC:	YOON, Sang Ui			
	history (event, available, version, comments):								
	SP-24	2004-06-14	1	.	0	.	0	SP-040332	get it remarks - general: SP-23: WI = SP-040042. SP-25: approval expected SP-26 or SP-27. remarks - this release: .

TR 23.899	Combining Circuit Switched (CS) bearers with IP Multimedia Subsystem (IMS)								
Rel-6	current version: 0.3.0	DRAFT	WG (prime / other):	S2 / -	rapporteur:	WATSON, Mark	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:		G:	U: yes	MCC:	YOON, Sang Ui			
	history (event, available, version, comments):								
	draft	2004-04-16	0	.	0	.	0		get it remarks - general: SP-23: WI = SP-040044. SP-25: expected approval at SP-27.
	S2-39	2004-04-28	0	.	1	.	0		get it remarks - this release: .
	S2-40	2004-05-27	0	.	2	.	0		get it
	S2-41		0	.	3	.	0		

TR 23.903	Redial solution for video-voice switching								
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):								
	S1-41	2004-08-03	0	.	0	.	1		get it remarks - general: SP-24: WI = SP-040331
	SP-25		1	.	0	.	0	SP-040535	remarks - this release: SP-25: anticipated approval at SP-26.

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	SP-020536	remarks - this release: 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.

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

3GPP specification status

Page 39

16 September 2004 20:16:03

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

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

Rel-6 *current version:* 1.1.0 DRAFT WG (prime / other): S2 / rapporteur: SULTANA, Shabnam Telefon AB LM Ericsson
freeze_meeting: G: U: yes MCC: YOON, Sang-Ui

history (event, available, version, comments):

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. SP-25: anticipate approval at SP-26.
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	

TR 23.981 Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-6 *current version:* 6.1.0 WG (prime / other): S2 / rapporteur: MILINSKI, Alexander SIEMENS AG
freeze_meeting: G: U: yes MCC: YOON, Sang-Ui

history (event, available, version, comments):

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	
SP-25		6 . 1 . 0			

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:* 6.2.0 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	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
NP-24	2004-06-21	6 . 1 . 0		get it	<i>remarks - this release:</i> .
NP-25		6 . 2 . 0			

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

3GPP specification status

Page 40

16 September 2004 20:16:03

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

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

Rel-6 *current version:* 6.6.0 *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 <i>remarks - general:</i>
NP-20	2003-07-04	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	2004-03-22	6	.	4	.	0	get it
NP-24	2004-06-14	6	.	5	.	0	get it
NP-25		6	.	6	.	0	

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels 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 <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
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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 <i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.
NP-23	2004-03-23	6	.	1	.	0	get it <i>remarks - this release:</i> .

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 <i>remarks - general:</i>
NP-23	2004-03-23	6	.	1	.	0	get it <i>remarks - this release:</i> .

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

3GPP specification status

Page 41

16 September 2004 20:16:03

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

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: .

TS 24.109 Bootstrapping interface (Ub) and Network application function interface (Ua); Protocol details

Rel-6 *current version:* 6.0.0 *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 N1-041286 [get it](#)
N1-35 2004-08-31 2 . 0 . 0 [note that rapporteur produced a second [get it](#)
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 NP-040366 [get it](#)
NP-25 2 . 1 . 2 NP-040423
NP-25 6 . 0 . 0

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

Rel-6 *current version:* 6.1.0 *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 *remarks - general:* WI = PRSNC (UID 2499)
draft 0 . 0 . 2 *remarks - this release:* .
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 NP-040200 ex N1-34 [get it](#)
NP-24 2004-06-14 6 . 0 . 0 [get it](#)
NP-25 6 . 1 . 0

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

3GPP specification status

Page 43

16 September 2004 20:16:03

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

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

Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SITCH, Paul	NOKIA Corporation
	<i>freeze_meeting:</i>		<i>G:</i>	<i>MCC:</i> JURISIC, Andrijana	
	<i>U:</i> yes				
<i>history (event, available, version, comments):</i>					
N1-31		0 . 0 . 1		<i>remarks - general:</i>	
N1-31	2003-09-29	0 . 1 . 0	get it	<i>remarks - this release:</i> .	
N1-32	2003-11-12	0 . 2 . 0	get it		
NP-22	2004-01-05	1 . 0 . 0	get it		NP-030491
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	get it		Cover and history box erroneously shows v1.60.0
NP-25		2 . 0 . 0			NP-040365
NP-25		6 . 0 . 0			

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

Rel-6	<i>current version:</i> 0.5.0	DRAFT	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB
	<i>freeze_meeting:</i>		<i>G:</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>U:</i> yes				
<i>history (event, available, version, comments):</i>					
	draft	2002-05-28	0 . 3 . 0	get it	<i>remarks - general:</i> 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	<i>remarks - this release:</i> 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	get it	T2-030570

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

3GPP specification status

Page 44

16 September 2004 20:16:03

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	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> N1 /	<i>rapporteur:</i> MAYER, Georg	NOKIA Corporation
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> JURISIC, Andrijana	
<i>history (event, available, version, comments):</i>					
	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	get it	Includes N1-040200.
	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	get it	change record claims this version is 2.0.1
	N1-34b	2004-06-22	1 . 1 . 0	get it	history box claims v2.1.0 following v2.0.1.
	NP-25	2004-09-03	1 . 2 . 0	get it	NP-040328 ex N1-35

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

3GPP specification status

Page 45

16 September 2004 20:16:03

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			
N1-26	2002-10-03	0	.	2	.	0			
N1-26bis	2002-11-14	0	.	3	.	0			
N1-27	2003-01-17	0	.	4	.	0	N1-030010		
N1-28	2003-03-04	0	.	5	.	0			
N1-29	2003-05-06	0	.	6	.	0			
NP-20	2003-06-02	1	.	0	.	0	NP-030303		
draft	2003-09-26	1	.	1	.	0			
draft	2003-09-29	1	.	1	.	1			
post N1-31	2003-10-08	1	.	1	.	2			
N1-32		1	.	2	.	0			
N1-32b	2004-02-02	1	.	3	.	0			
N1-33	2004-02-26	1	.	4	.	0			
post N1-33	2004-03-03	1	.	4	.	1			
post N1-33	2004-03-22	1	.	4	.	2			
N1-33b	2004-04-13	1	.	5	.	0			
N1-33b	2004-04-27	1	.	5	.	1	N1-040762		
N1-34	2004-05-25	1	.	6	.	0			
NP-24	2004-06-25	2	.	0	.	0	NP-040199: change history still shows v1.6.0		
NP-24	2004-06-14	6	.	0	.	0			

remarks - general:

remarks - this release: .

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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.

3GPP specification status

Page 46

16 September 2004 20:16:03

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:* 6.5.0 *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 creating this Release.	get it	<i>remarks - general:</i> <i>remarks - this release:</i> 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	
RP-25		6 . 5 . 0			

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

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

history (event, available, version, comments):

RP-22	2004-01-20	6 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 25.104 Base Station (BS) radio transmission and reception (FDD)

Rel-6 *current version:* 6.7.0 *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 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	
RP-25		6 . 7 . 0			

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

3GPP specification status

Page 48

16 September 2004 20:16:04

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

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

Rel-6 *current version:* 6.7.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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	
RP-25		6 . 7 . 0			

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

Rel-6 *current version:* 6.7.0 *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	
RP-25		6 . 7 . 0			

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

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

3GPP specification status

Page 50

16 September 2004 20:16:04

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

TS 25.213	Spreading and modulation (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILLENEGGER, Serge	QUALCOMM EUROPE S.A.R.L.				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, 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> 6.3.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, 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						
	RP-25 2004-06-18 6 . 3 . 0								
<hr/>									
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	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 25.222	Multiplexing and channel coding (TDD)								
Rel-6	<i>current version:</i> 6.1.0		<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	get it	<i>remarks - general:</i>					
	RP-25 2004-06-18 6 . 1 . 0			<i>remarks - this release:</i>	created for M.1457 update				

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

3GPP specification status

Page 51

16 September 2004 20:16:04

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

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	get it	<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> 6.2.0		<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	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				
	RP-25 6 . 2 . 0								
<hr/>									
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>		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	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> EKEMARK, Sven	Telefon AB LM Ericsson				
	<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>					
				<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>		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>	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				

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

3GPP specification status

Page 52

16 September 2004 20:16:04

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

TS 25.303	Interlayer procedures in Connected Mode								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J	Nokia Research Center				
	<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>			
	RP-25		6 . 1 . 0			<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> 6.3.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARRETO, Luis	NOKIA Corporation				
	<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>			
	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				
	RP-25		6 . 3 . 0						
<hr/>									
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.		

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

3GPP specification status

Page 54

16 September 2004 20:16:04

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

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		
<hr/>									
TS 25.324	Broadcast/Multicast Control (BMC)								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> HARTL, Mike		Vodafone D2 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>			
	RP-24	2004-06-17	6 . 1 . 0		get it	<i>remarks - this release:</i>	created for M.1457 update		
<hr/>									
TS 25.331	Radio Resource Control (RRC) protocol specification								
Rel-6	<i>current version:</i> 6.3.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi		MOTOROLA Ltd		
	<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		get it	<i>remarks - general:</i>			
	RP-21		6 . 0 . 0	RP-21: Will not be produced till more substantive CRs are approved or until Release is frozen.		<i>remarks - this release:</i>	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				
	RP-25		6 . 3 . 0						

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

3GPP specification status

Page 55

16 September 2004 20:16:04

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> 6.2.0			<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	
	RP-25	6 . 2 . 0				

TS 25.401 UTRAN overall description

Rel-6	<i>current version:</i> 6.4.0			<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			get it	<i>remarks - general:</i> Approval at TSG#5
	RP-20 2003-06-17	6 . 1 . 0			get it	<i>remarks - this release:</i> .
	RP-22 2004-01-13	6 . 2 . 0			get it	
	RP-24 2004-06-23	6 . 3 . 0			get it	
	RP-25	6 . 4 . 0				

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

3GPP specification status

Page 56

16 September 2004 20:16:04

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

TS 25.402	Synchronisation in UTRAN Stage 2									
Rel-6	<i>current version:</i> 6.0.0									
	<i>freeze_meeting:</i>									
	<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>freeze_meeting:</i>									
	<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>freeze_meeting:</i>									
	<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> 6.1.0									
	<i>freeze_meeting:</i>									
	<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-25 2004-06-18 6 . 1 . 0			<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>freeze_meeting:</i>									
	<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.

3GPP specification status

Page 58

16 September 2004 20:16:05

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

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: 6.3.0		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							
	RP-25 2004-06-23 6 . 3 . 0									
<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 59

16 September 2004 20:16:05

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

TS 25.426	UTRAN lur and lub interface data transport & transport signalling for DCH data streams									
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> KEKKI, Sami		NOKIA Corporation			
	<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				
	RP-24	2004-06-18	6 . 2 . 0		get it					
	RP-25		6 . 3 . 0							

TS 25.427	UTRAN lur and lub 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>		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 25.430	UTRAN lub Interface: General Aspects and Principles									
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> KOIZUMI, Yoshiko		Fujitsu Limited			
	<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-24	2004-06-18	6 . 1 . 0		get it	<i>remarks - this release:</i> created for M.1457 update				
	RP-25		6 . 2 . 0							

TS 25.431	UTRAN lub 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>		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 25.432	UTRAN lub 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>		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				

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

3GPP specification status

Page 60

16 September 2004 20:16:05

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

TS 25.433	UTRAN lub interface NBAP signalling								
Rel-6	<i>current version:</i> 6.3.0		<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					
	RP-25		6 . 3 . 0						

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.

3GPP specification status

Page 61

16 September 2004 20:16:05

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									
	freeze_meeting:									
	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									
	freeze_meeting:									
	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: 6.6.0									
	freeze_meeting:									
	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				
	RP-25		6 . 6 . 0							
<hr/>										
TS 25.460	UTRAN Iu-PS interface: General aspects and principles									
Rel-6	current version: 6.0.0									
	freeze_meeting:									
	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				
	RP-25		1 . 0 . 0		RP-040304					
	RP-25		6 . 0 . 0							

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

3GPP specification status

Page 63

16 September 2004 20:16:05

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

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: 0.3.0	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			
	draft	0 . 3 . 0	R1 report to RP-25 indicates it exists				

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			

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

3GPP specification status

Page 64

16 September 2004 20:16:05

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

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.

3GPP specification status

Page 67

16 September 2004 20:16:06

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](#)

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

3GPP specification status

Page 68

16 September 2004 20:16:06

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:

history (event, available, version, comments):

WG (prime / other): R2 / - *rapporteur:* BARTLETT, David

Indicate persons who left Company and wait for new One

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

remarks - general:

remarks - this release: .

TR 25.895 Analysis of higher chip rates for UTRA TDD evolution

Rel-6 *current version:* 6.0.0

freeze_meeting:

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
RP-25		2	.	0	.	0	RP-040361
RP-25		6	.	0	.	0	

WG (prime / other): R1 / - *rapporteur:* BEALE, Martin

IPWireless Inc.

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

3GPP specification status

Page 69

16 September 2004 20:16:06

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 70

16 September 2004 20:16:06

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	R3-031555					get it	

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: .

TR 25.899	High Speed Download Packet Access (HSDPA) enhancements								
Rel-6	current version: 6.1.0		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 conclusions.
	R1-31	0 . 0 . 3	R1-030380						
	R1-31	0 . 1 . 0	R1-030382						
	R1-32	0 . 2 . 0	R1-030634						
	R1-34 2003-10-14	0 . 2 . 1	R1-031149					get it	
	R1-34 2003-11-07	0 . 2 . 2	R1-031174					get it	
	draft	0 . 3 . 1	R1-031418						
	draft 2004-01-07	0 . 3 . 2	R1-031425					get it	
	R1-35 2004-02-05	0 . 3 . 3	R1-040201					get it	
	R1-36 2004-02-23	0 . 4 . 0	R1-040384					get it	
	R1-37 2004-05-24	0 . 4 . 1	R1-040649					get it	
	draft 2004-05-27	0 . 5 . 0	Existance deduced from report of RP-23 §8.12 (R1-040657); appears as R1-040657					get it	
	RP-24 2004-05-28	1 . 0 . 0	RP-040222					get it	
	RP-24 2004-06-28	6 . 0 . 0						get it	
	RP-25	6 . 1 . 0							

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

3GPP specification status

Page 72

16 September 2004 20:16:06

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:* 6.7.0 *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	
RP-25		6	.	7	.	0		get it	

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

3GPP specification status

Page 73

16 September 2004 20:16:06

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

TR 25.996 Spatial channel model for Multiple Input Multiple Output (MIMO) simulations
Rel-6 *current version:* 6.1.0 *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies
freeze_meeting: G: U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
RP-19 2003-03-24 1 . 0 . 0 RP-030181 [get it](#) *remarks - general:*
RP-20 2003-06-17 2 . 0 . 0 RP-030311 [get it](#) *remarks - this release:* .
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 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: G: yes U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-19 2003-04-04 6 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-25 6 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 26.102 Adaptive Multi-Rate (AMR) speech codec; Interface to lu and Uu
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: G: yes U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-25 6 . 0 . 0 *remarks - general:*
remarks - this release: .

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

3GPP specification status

Page 74

16 September 2004 20:16:06

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

TS 26.103	Speech codec list for GSM and UMTS					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl	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-25 6 . 0 . 0				<i>remarks - general:</i> New after TSG#5	
					<i>remarks - this release:</i> .	
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i>	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> .	
<hr/>						
TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-25 6 . 0 . 0				<i>remarks - general:</i> CR at TSG#5	
					<i>remarks - this release:</i> .	
<hr/>						
TS 26.131	Terminal acoustic characteristics for telephony; Requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-25 6 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-25 6 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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

3GPP specification status

Page 75

16 September 2004 20:16:06

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

TS 26.140	Multimedia Messaging Service (MMS); Media formats and codes								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S4 / T2	<i>rapporteur:</i>	CASTAGNO, Roberto	NOKIA Corporation			
	<i>freeze_meeting:</i>	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i>	
	SP-25	6 . 0 . 0						<i>remarks - this release:</i>	.
<hr/>									
TS 26.141	IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HONKO, Harri	NOKIA Corporation			
	<i>freeze_meeting:</i>	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>	.
<hr/>									
TS 26.233	End-to-end transparent streaming service; General description								
Rel-6	<i>current version:</i> 6.0.0	<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>	
	SP-25	6 . 0 . 0						<i>remarks - this release:</i>	.
<hr/>									
TS 26.234	Transparent end-to-end streaming service; Protocols and codecs								
Rel-6	<i>current version:</i> 6.1.0	<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>							<i>remarks - general:</i>	
	SP-24 2004-06-18	6 . 0 . 0		get it				<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.
	SP-25	6 . 1 . 0							
<hr/>									
TS 26.235	Packet switched conversational multimedia applications; Default codecs								
Rel-6	<i>current version:</i> 6.2.0	<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>							<i>remarks - general:</i>	
	SP-20 2003-06-25	6 . 0 . 0		get it				<i>remarks - this release:</i>	.
	SP-24 2004-06-18	6 . 1 . 0		get it					
	SP-25	6 . 2 . 0							

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

3GPP specification status

Page 76

16 September 2004 20:16:07

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

TS 26.236 Packet switched conversational multimedia applications; Transport protocols
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-24 2004-06-18 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 26.243 ANSI C code for the fixed-point distributed speech recognition extended advanced front-end
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / *rapporteur:* PEARCE, David MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-23 2004-03-22 1 . 0 . 0 SP-040064 (no C code included) [get it](#) *remarks - general:* WI UID = 34700
SP-24 2004-06-14 2 . 0 . 0 SP-040343 [get it](#) *remarks - this release:* .
SP-24 2004-06-18 6 . 0 . 0 [get it](#)

TS 26.244 Transparent end-to-end streaming service; 3GPP file format (3GP)
Rel-6 *current version:* 6.1.0 *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](#)
SP-25 6 . 1 . 0

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

3GPP specification status

Page 77

16 September 2004 20:16:07

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

TS 26.245 Transparent end-to-end Packet switched 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		<i>remarks - general:</i>
draft		0 . 1 . 0	S4-030023		<i>remarks - this release:</i> .
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	<i>remarks - general:</i> Created S4-25bis. See S4-030135.
draft		0 . 0 . 2	erroneously numbered v6.0.2		<i>remarks - this release:</i> .
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	

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			<i>remarks - general:</i>
draft	2004-06-14	0 . 5 . 3		get it	<i>remarks - this release:</i> .
draft	2004-06-17	0 . 5 . 4		get it	
SP-24	2004-06-14	1 . 0 . 0	SP-040425	get it	

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

3GPP specification status

Page 78

16 September 2004 20:16:07

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

TS 26.290	Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions						
Rel-6	current version: 6.0.0	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	SP-040426	get it		
	SP-25		2 . 0 . 0	SP-040639			
	SP-25		6 . 0 . 0				

TS 26.304	Floating--point ANSI-C code for the Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec						
Rel-6	current version: 6.0.0	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	SP-040427	get it		
	SP-25		2 . 0 . 0	SP-040640			
	SP-25		6 . 0 . 0				

TS 26.346	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs						
Rel-6	current version: 1.0.0	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		0 . 0 . 1			remarks - this release:	SP-22: v1.0.0 had been expected this mtg, but at least 3 months delay expected.
	draft		0 . 0 . 2				
	S4-31		0 . 0 . 3				
	S4-31		0 . 0 . 4				
	S4-32		0 . 0 . 5				
	draft	2003-08-29	0 . 1 . 0	does not show spec number or version on cover	get it		
	SP-25		1 . 0 . 0	SP-040632			

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

3GPP specification status

Page 79

16 September 2004 20:16:07

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	<i>current version:</i> 6.0.0	<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>								
	S4-31	2004-05-25	0 . 0 . 1			get it	<i>remarks - general:</i>		
	SP-24	2004-06-14	1 . 0 . 0	SP-040428		get it	<i>remarks - this release:</i>	.	
	SP-25		2 . 0 . 0	SP-040633					
	SP-25		6 . 0 . 0						

TS 26.402	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools								
Rel-6	<i>current version:</i> 6.0.0	<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>								
	S4-31	2004-05-25	0 . 0 . 1			get it	<i>remarks - general:</i>		
	SP-24	2004-06-14	1 . 0 . 0	SP-040429		get it	<i>remarks - this release:</i>	.	
	SP-25		2 . 0 . 0	SP-040634					
	SP-25		6 . 0 . 0						

TS 26.403	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Advanced Audio Coding (AAC) part								
Rel-6	<i>current version:</i> 6.0.0	<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>								
	S4-31	2004-05-25	0 . 0 . 1			get it	<i>remarks - general:</i>		
	SP-24	2004-06-14	1 . 0 . 0	SP-040430		get it	<i>remarks - this release:</i>	.	
	SP-25		2 . 0 . 0	SP-040635					
	SP-25		6 . 0 . 0						

TS 26.404	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Spectral Band Replication (SBR) part								
Rel-6	<i>current version:</i> 6.0.0	<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>								
	S4-31	2004-05-25	0 . 0 . 1			get it	<i>remarks - general:</i>		
	SP-24	2004-06-14	1 . 0 . 0	SP-040431		get it	<i>remarks - this release:</i>	.	
	SP-25		2 . 0 . 0	SP-040636					
	SP-25		6 . 0 . 0						

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3GPP specification status

Page 80

16 September 2004 20:16:07

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

TS 26.405	General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification; Parametric stereo part					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> KUNZ, Oliver		Coding Technologies GmbH	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	S4-31 2004-05-25 0 . 0 . 1		get it	<i>remarks - general:</i>		
	SP-24 2004-06-14 1 . 0 . 0 SP-040432		get it	<i>remarks - this release:</i> .		
	SP-25 2 . 0 . 0 SP-040637					
	SP-25 6 . 0 . 0					

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> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> KUNZ, Oliver		Coding Technologies GmbH	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 2004-06-14 0 . 0 . 1		get it	<i>remarks - general:</i>		
	draft 2004-06-14 0 . 0 . 2		get it	<i>remarks - this release:</i> .		
	SP-24 2004-06-24 1 . 0 . 0 SP-040433		get it			
	SP-25 2 . 0 . 0 SP-040638					
	SP-25 6 . 0 . 0					

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>	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri		Nokia Research Center	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-25 6 . 0 . 0			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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

3GPP specification status

Page 81

16 September 2004 20:16:07

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

TR 26.935 Packet Switched (PS) conversational multimedia applications; Performance characterization of default codecs
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* BERTENYI, Balazs NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-23 2004-03-22 1 . 0 . 0 SP-040063 [get it](#) *remarks - general:* 2004-01-05: Drafted by Dynasat (Alan Sharpley & Ira Panzer) under 3GPP Guest
S4-30 2004-05-12 1 . 4 . 0 S4-040218 [get it](#) *remarks - this release:* status. To be approved at S4-30.
SP-24 2004-06-14 2 . 0 . 0 SP-040342 [get it](#)
SP-24 2004-06-18 6 . 0 . 0 [get it](#)

TR 26.937 Transparent end-to-end packet switched streaming service (PSS); Real-time Transport Protocol (RTP) usage model
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* VARSA, Viktor Nokia Telecommunications Inc.
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-23 2004-04-01 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 26.946 Multimedia Broadcast/Multicast Service (MBMS) user service guidelines
Rel-6 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* LOHMAR, Thorsten Nippon Ericsson K.K.
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general:
remarks - this release: .

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

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

3GPP specification status

Page 82

16 September 2004 20:16:07

ACTIVE specs 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:* 6.6.0

WG (prime / other): T2 / - *rapporteur:* VOTE, Nicola NTT DoCoMo Inc.

freeze_meeting:

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

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
TP_25 6 . 6 . 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

freeze_meeting:

G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-24 2004-06-18 6 . 0 . 0

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

Rel-6 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-6 *current version:* 6.0.0

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

freeze_meeting:

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

history (event, available, version, comments):

SP-25 6 . 0 . 0

remarks - general: Transfer>TSG#4
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.

3GPP specification status

Page 83

16 September 2004 20:16:07

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:* 6.7.0 *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	
NP-25		6 . 7 . 0		

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

Rel-6 *current version:* Procedures and the Mobile Application Part (MAP) 6.4.0 *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	
NP-25		6 . 4 . 0		

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:* 6.1.0 *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>
NP-25		6 . 1 . 0		<i>remarks - this release:</i> .

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

3GPP specification status

Page 84

16 September 2004 20:16:07

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> 6.6.0	<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		
	NP-25	6 . 6 . 0			

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> 6.2.0	<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".
	NP-25	6 . 2 . 0			

TS 29.078	customized Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-6	<i>current version:</i> 6.3.0	<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		
	NP-25	6 . 3 . 0			

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.

3GPP specification status

Page 85

16 September 2004 20:16:07

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	current version: 6.0.0		WG (prime / other): N4 / -	rapporteur: LAITINEN, Lauri	NOKIA Corporation
	freeze_meeting:		G: yes U: yes	MCC: KYMALAINEN, Kimmo	
	history (event, available, version, comments):				
	draft	0 . 0 . 0	2003-10		remarks - general: WI = SEC1-SC (UID 14504). NP-24 title changed from "Bootstrapping and subscriber
	N4-21	0 . 1 . 0			remarks - this release: . 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
	N4-24		1 . 1 . 0		
	NP-25		2 . 0 . 0	NP-040410	
	NP-25		6 . 0 . 0		

TS 29.140	Multimedia Messaging Service (MMS); MM10 interface based on Diameter protocol; Stage 3				
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): T2 / -	rapporteur: HABERMANN, Steffen	T-Mobile International AG
	freeze_meeting:		G: U: yes	MCC: RODERMUND, Friedhelm	
	history (event, available, version, comments):				
	TP-25	1 . 0 . 0	TP-040173		remarks - general: The MM10 interface is between MMS Relay/Server and MSCF (Messaging Service
					remarks - this release: . 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	current version: 2.0.1	DRAFT	WG (prime / other): N3 /	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation
	freeze_meeting:		G: U: yes	MCC: BOSWARTHICK, David	
	history (event, available, version, comments):				
	N3-31	2004-02-23	0 . 0 . 1	N3-040108 but several subsequent drafts with same version number exist	get it remarks - general: WI UID = 14013.
	N3-31b	2004-04-01	0 . 1 . 0	History box not updated since v0.0.1	remarks - this release: .
	N3-32	2004-05-18	0 . 2 . 0		get it
	N3-33	2004-08-30	2 . 0 . 0		get it
	NP-25		2 . 0 . 1	NP-040344	

TS 29.162	Interworking between the IM CN subsystem and IP networks				
Rel-6	current version: 1.1.1	DRAFT	WG (prime / other): N3 /	rapporteur: HOLLAND, Nigel	mm02 plc
	freeze_meeting:		G: yes U: yes	MCC: BOSWARTHICK, David	
	history (event, available, version, comments):				
	draft	1 . 1 . 0			remarks - general:
	NP-25	1 . 1 . 1	NP-040345		remarks - this release: Work item moved to Rel-6.

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

3GPP specification status

Page 86

16 September 2004 20:16:08

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:* 6.4.0 *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
NP-19 2003-03-06 1 . 5 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.

draft 2003-03-24 1 . 5 . 1
N3-28 2003-06-17 1 . 6 . 0

[get it](#)

NP-20 2003-06-17 1 . 7 . 0
N3-29 2003-09-09 1 . 8 . 0

[get it](#)

NP-030196
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](#)

NP-25 6 . 4 . 0

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

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-22 2004-02-12 6 . 0 . 0

Late delivery (anticipated late 2004-02) due to dependencies external to MCC on programme code attachments (Java, CORBA).

[get it](#)

remarks - general:

remarks - this release: .

NP-22 2004-02-18 6 . 0 . 1

J2EE code supplied

[get it](#)

NP-24 2004-09-01 6 . 1 . 0

Late availability due to need for proprietary technology not available to MCC.

[get it](#)

NP-25 6 . 2 . 0

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

3GPP specification status

Page 87

16 September 2004 20:16:08

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

history (event, available, version, comments):

NP-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
NP-25		6	.	2	.	0	

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

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-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
NP-25		6	.	2	.	0	

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:* 6.3.0 *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
NP-25		6	.	3	.	0	

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

3GPP specification status

Page 88

16 September 2004 20:16:08

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:* 6.2.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.

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

history (event, available, version, comments):

NP-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
NP-25		6	.	2	.	0	

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:* 6.3.0 *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
NP-25		6	.	3	.	0	

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:* 6.3.0 *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
NP-25		6	.	3	.	0	

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

3GPP specification status

Page 89

16 September 2004 20:16:08

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

history (event, available, version, comments):

NP-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
NP-25		6	.	2	.	0	

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

Rel-6 *current version:* 6.3.0 *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
NP-25		6	.	3	.	0	

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

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-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
NP-25		6	.	2	.	0	

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

3GPP specification status

Page 90

16 September 2004 20:16:08

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

history (event, available, version, comments):

NP-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
NP-25		6	.	2	.	0	

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

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-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
NP-25		6	.	2	.	0	

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

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-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
NP-25		6	.	2	.	0	

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

3GPP specification status

Page 91

16 September 2004 20:16:08

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:* 6.2.0 *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](#) *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).
NP-25 6 . 2 . 0

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

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-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](#)
NP-24 2004-09-01 6 . 1 . 0 [get it](#)
Late availability due to need for proprietary technology not available to MCC.
NP-25 6 . 2 . 0

TS 29.198-15 Open Service Access (OSA) Application Programming Interface (API); Part 15: Multi-media Messaging (MM) Service Capability Feature (SCF)

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-15 1 . 0 . 0 NP-040359 *remarks - general:*
remarks - this release: .

TS 29.199-01 Open Service Access (OSA); Parlay X web services; Part 1: Overview and common data definitions

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

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

3GPP specification status

Page 92

16 September 2004 20:16:08

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

TS 29.199-02 Open Service Access (OSA); Parlay X web services; Part 2: Third party call

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

TS 29.199-03 Open Service Access (OSA); Parlay X web services; Part 3: Network-initiated third party call

Rel-6 *current version:* 6.0.0 *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:*
MP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
MP-25 6 . 0 . 0

TS 29.199-04 Open Service Access (OSA); Parlay X web services; Part 4: Short Message Service (SMS)

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

TS 29.199-05 Open Service Access (OSA); Parlay X web services; Part 5: Multimedia Message Service (MMS)

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

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

3GPP specification status

Page 93

16 September 2004 20:16:08

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

TS 29.199-06 Open Service Access (OSA); Parlay X web services; Part 6: Payment

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

TS 29.199-07 Open Service Access (OSA); Parlay X web services; Part 7: Account management

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

TS 29.199-08 Open Service Access (OSA); Parlay X web services; Part 8: User status

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

TS 29.199-09 Open Service Access (OSA); Parlay X web services; Part 9: Terminal location

Rel-6 *current version:* 6.0.0 *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:*
NP-25 2 . 0 . 0 NP-040360 *remarks - this release:* .
NP-25 6 . 0 . 0

TS 29.199-10 Open Service Access (OSA); Parlay X web services; Part 10: Call handling

Rel-6 *current version:* 6.0.0 *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-25 1 . 0 . 0 NP-040360 *remarks - general:*
NP-25 6 . 0 . 0 *remarks - this release:* .

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

3GPP specification status

Page 94

16 September 2004 20:16:08

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

TS 29.199-11 Open Service Access (OSA); Parlay X web services; Part 11: Audio call

Rel-6 *current version:* 6.0.0 *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-25 1 . 0 . 0 NP-040360 *remarks - general:*
@ 6 . 0 . 0 *remarks - this release:* .

TS 29.199-12 Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference

Rel-6 *current version:* 6.0.0 *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-25 1 . 0 . 0 NP-040360 *remarks - general:*
NP-25 6 . 0 . 0 *remarks - this release:* .

TS 29.199-13 Open Service Access (OSA); Parlay X web services; Part 13: Address list management

Rel-6 *current version:* 6.0.0 *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-25 1 . 0 . 0 NP-040360 *remarks - general:*
NP-25 6 . 0 . 0 *remarks - this release:* .

TS 29.199-14 Open Service Access (OSA); Parlay X web services; Part 14: Presence

Rel-6 *current version:* 6.0.0 *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-25 1 . 0 . 0 NP-040360 *remarks - general:*
NP-25 6 . 0 . 0 *remarks - this release:* .

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

Rel-6 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* JANSSON, Jari NOKIA Corporation
freeze_meeting: G: U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
remarks - general: Work item description in N4-021258.
remarks - this release: .

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

3GPP specification status

Page 95

16 September 2004 20:16:08

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

TS 29.207 Policy control over Go interface

Rel-6 *current version:* 6.1.0
freeze_meeting:
history (event, available, version, comments):
NP-24 2004-06-18 6 . 0 . 0
NP-25 6 . 1 . 0

WG (prime / other): N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
G: yes *U:* yes *MCC:* BOSWARTHICK, David

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

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

Rel-6 *current version:* 6.1.0
freeze_meeting:
history (event, available, version, comments):
NP-24 2004-06-18 6 . 0 . 0
NP-25 6 . 1 . 0

WG (prime / other): N3 / *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation
G: yes *U:* yes *MCC:* BOSWARTHICK, David

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

TS 29.209 Policy control over Gq interface

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version, comments):
N3-29 2003-09-01 0 . 0 . 1
N3-31 2004-03-22 0 . 0 . 2 N3-040135
N3-31b 2004-04-27 0 . 1 . 0 N3-040250
NP-24 2004-05-25 1 . 0 . 0 NP-040243 ex N3-32
N3-33 2004-08-30 2 . 0 . 0
draft 2 . 0 . 1 NP-040342
NP-25 2 . 0 . 2 NP-040421
NP-25 6 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation
G: *U:* yes *MCC:* BOSWARTHICK, David

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

TS 29.210 Charging rule provisioning over Gx interface

Rel-6 *current version:* 1.0.1 DRAFT
freeze_meeting:
history (event, available, version, comments):
N3-31b 0 . 0 . 1
draft 0 . 1 . 0
draft 0 . 2 . 0
draft 0 . 3 . 0
N3-32 0 . 4 . 0
N3-33 2004-08-30 1 . 0 . 0 ex N3-33
NP-25 1 . 0 . 1 NP-040343

WG (prime / other): N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
G: *U:* yes *MCC:* BOSWARTHICK, David

remarks - general: WI URL = 35017
remarks - this release: .

[get it](#)

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

3GPP specification status

Page 96

16 September 2004 20:16:09

ACTIVE specs Rel-6 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-6 *current version:* 6.4.0 *WG (prime / other):* N4 / *rapporteur:* PALLARES LÓPEZ, Telefon AB LM Ericsson
freeze_meeting: Miguel Angel
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-21	2003-10-09	6	.	0	.	0
NP-22	2004-01-12	6	.	1	.	0
NP-23	2004-03-24	6	.	2	.	0
NP-24	2004-06-15	6	.	3	.	0
NP-25		6	.	4	.	0

[get it](#) *remarks - general:* Additional rapporteur: Miguel-Angel Pallares-Lopez
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

Rel-6 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Telefon AB LM Ericsson
freeze_meeting: Miguel Angel
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-23	2004-03-24	6	.	0	.	0
NP-24	2004-06-15	6	.	1	.	0
NP-25		6	.	2	.	0

[get it](#) *remarks - general:* 2nd rapporteur: CZOMA, Balazs.
[get it](#) *remarks - this release:* .

TS 29.230 Diameter applications; 3GPP specific codes and identifiers

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N4 / *rapporteur:* TAMMI, Kalle NOKIA Corporation
freeze_meeting: *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

draft		0	.	0	.	0
N2-22b		0	.	1	.	0
draft		0	.	2	.	0
draft		0	.	3	.	0
draft		0	.	4	.	0
NP-24	2004-06-14	1	.	0	.	0
NP-24	2004-06-14	2	.	0	.	0
NP-24	2004-06-15	6	.	0	.	0
NP-25		6	.	1	.	0

remarks - general: WI UID = 14014
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)

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

3GPP specification status

Page 97

16 September 2004 20:16:09

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

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

Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N4 / N2	<i>rapporteur:</i> SITCH, Paul	NOKIA Corporation
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo	
<i>history (event, available, version, comments):</i>					
	draft	0 . 2 . 0		<i>remarks - general:</i>	Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP interworking",
	NP-21 2003-09-29	1 . 0 . 0	NP-030400	get it	<i>remarks - this release:</i> . 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	Incorpstrate Tdoc N4-040475		
	post N4-22b 2004-04-27	1 . 3 . 2	Editorial corrections based by 3GPP TS 21.801	get it	
	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	
	NP-25	2 . 0 . 0	NP-040404		
	NP-25	6 . 0 . 0			

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> KAUNTOLA, Seppo	Nokia Networks Oyj
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo	
<i>history (event, available, version, comments):</i>					
	draft	0 . 0 . 0		<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241
	N4-20 2003-10-08	0 . 1 . 0		get it	<i>remarks - this release:</i> 2003-03-05: Delayed from Rel-5.
	N4-22 2004-04-01	0 . 2 . 0		get it	
	N4-22b 2004-04-27	0 . 3 . 0	N4-040492	get it	

TS 29.328 IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents

Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>		<i>G:</i> 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	
	NP-25	6 . 3 . 0			

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

3GPP specification status

Page 98

16 September 2004 20:16:09

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

TS 29.329 Sh interface based on the Diameter protocol

Rel-6 *current version:* 6.2.0

freeze_meeting:

history (event, available, version, comments):

NP-23	2004-03-24	6	.	0	.	0
NP-24	2004-06-15	6	.	1	.	0
NP-25		6	.	2	.	0

WG (prime / other): N4 / -

G: yes *U:* yes

rapporteur: BERRY, Nigel. H

MCC: KYMALAINEN, Kimmo

Lucent Technologies Network Systems UK

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

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

TS 29.332 Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mn interface; Stage 3

Rel-6 *current version:* 6.0.0

freeze_meeting:

history (event, available, version, comments):

draft		0	.	0	.	0	2002-09
N4-16		0	.	0	.	1	
N4-17		0	.	1	.	0	
N4-18		0	.	2	.	0	
N4-19		0	.	3	.	0	
N4-22	2004-04-01	0	.	4	.	0	
NP-24	2004-06-15	1	.	0	.	0	NP-040223
NP-25		2	.	0	.	0	NP-040403
NP-25		6	.	0	.	0	

WG (prime / other): N4 / -

G: *U:* yes

rapporteur: SCHMITT, Peter

MCC: KYMALAINEN, Kimmo

SIEMENS AG

remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.

remarks - this release: Anticipated change control at NP-22.

[get it](#)

[get it](#)

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

Rel-6 *current version:* none

freeze_meeting:

history (event, available, version, comments):

WG (prime / other): N4 /

G: *U:* yes

rapporteur: SANDERS, David

MCC: KYMALAINEN, Kimmo

VODAFONE Group Plc

remarks - general:

remarks - this release: NP-25: may be delayed to Rel-7.

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

3GPP specification status

Page 100

16 September 2004 20:16:09

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: G: U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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 *current version:* none *WG (prime / other):* N1 / RP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: yes U: yes *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.

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

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

3GPP specification status

Page 101

16 September 2004 20:16:09

ACTIVE specs 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
freeze_meeting:
history (event, available, version, comments):
draft 2001-11-23 0 . 9 . 3 Inherited from R99.
R3-37 2003-10-13 0 . 11 . 0 R3-030923

WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Continues work started in R99 document.

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

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-6 *current version:* 6.3.0
freeze_meeting:
history (event, available, version, comments):
TP-17 2002-09-18 6 . 0 . 0
TP-18 2003-01-02 6 . 1 . 0

TP-20 2003-06-23 6 . 2 . 0
TP-25 6 . 3 . 0

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

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[get it](#) *remarks - this release:* TP-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.

[get it](#)

TS 31.102 Characteristics of the USIM application

Rel-6 *current version:* 6.7.0
freeze_meeting:
history (event, available, version, comments):
TP-18 2003-01-02 6 . 0 . 0
TP-19 2003-04-01 6 . 1 . 0
TP-20 2003-06-23 6 . 2 . 0
TP-21 2003-09-30 6 . 3 . 0
TP-22 2004-01-12 6 . 4 . 0
TP-23 2004-03-25 6 . 5 . 0
TP-24 2004-06-24 6 . 6 . 0
TP-25 6 . 7 . 0

WG (prime / other): T3 / - *rapporteur:* RUBON, Jean-Francois GEMPLUS S.A.
G: *U:* yes *MCC:* JURISIC, Andrijana

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

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

3GPP specification status

Page 102

16 September 2004 20:16:09

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

TS 31.103	Characteristics of the IP Multimedia Services Identity Module (ISIM) application								
Rel-6	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i>	T3 /	<i>rapporteur:</i>	RUBON, Jean-Francois	GEMPLUS S.A.			
	<i>freeze_meeting:</i>	G: 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	<i>rapporteur:</i>	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					
	TP-25	6 . 5 . 0							

TS 31.111	Universal Subscriber Identity Module Application Toolkit (USAT)								
Rel-6	<i>current version:</i> 6.3.0	<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>	G: 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					
	TP-25	6 . 3 . 0							

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.			

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

3GPP specification status

Page 104

16 September 2004 20:16:09

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

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	<i>remarks - general:</i> Test spec is 34.131.
TP-17	2002-09-27	6	.	0	.	0		get it	<i>remarks - this release:</i> .
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: TP-25: estimate change control at TP-27.

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			<i>remarks - general:</i> WI UID = 43005.
draft		0	.	2	.	0			<i>remarks - this release:</i> .
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

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

3GPP specification status

Page 105

16 September 2004 20:16:10

ACTIVE specs 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](#)

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:* 6.2.0 *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](#)
SP-25 6 . 2 . 0

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: .

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

3GPP specification status

Page 106

16 September 2004 20:16:10

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

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:* 6.2.0 *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	<i>remarks - general:</i> TSG#8: split into 4 parts
post SP-22 edito	2004-01-13	6 . 0 . 1	get it	<i>remarks - this release:</i> .
SP-23	2004-03-24	6 . 1 . 0	get it	
SP-25		6 . 2 . 0		

TS 32.140 Telecommunication management; Subscription Management (SuM) requirements

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* ISLIP, John Lucent Technologies Network Systems UK
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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 *current version:* 6.1.0 *WG (prime / other):* S5 / - *rapporteur:* ABA, Istvan T-Mobile AUSTRIA GmbH
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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 *current version:* 6.1.0 *WG (prime / other):* S5 / T2 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
SP-25		6 . 1 . 0			

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3GPP specification status

Page 108

16 September 2004 20:16:10

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

TS 32.173	Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Common Object Request Broker							
Rel-6	<i>current version:</i> Architecture (CORBA) Solution Set (SS)	none	<i>WG (prime / other):</i>	S5	<i>/ rapporteur:</i>	ABA, Istvan	T-Mobile	
AUSTRIA GmbH								
	<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 32.240	Telecommunication management; Charging management; Charging architecture and principles							
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	GOERMER, Gerald	SIEMENS AG	
	<i>freeze_meeting:</i>		G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							<i>remarks - general:</i> <i>remarks - this release:</i> .
	S5-34	0 . 1 . 0						
	draft 2003-10-22	0 . 5 . 0						get it
	SP-22 2004-01-05	1 . 0 . 0						get it
	draft 2004-01-26	1 . 1 . 0						get it
	SP-25	2 . 0 . 0						
	SP-25	6 . 0 . 0						
<hr/>								
TS 32.250	Telecommunication management; Charging management; Circuit Switched (CS) domain charging							
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	NENNER, Karl-Heinz	T-Mobile International AG	
	<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> .
	SP-22 2004-01-05	1 . 0 . 0						get it
	SP-23 2004-03-22	2 . 0 . 0						get it
	SP-23 2004-03-22	6 . 0 . 0						get it
	SP-25	6 . 1 . 0						
<hr/>								
TS 32.251	Telecommunication management; Charging management; Packet Switched (PS) 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>		G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							<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.
	SP-21 2003-09-29	1 . 0 . 0						get it
	SP-25	2 . 0 . 0						
	SP-25	6 . 0 . 0						

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3GPP specification status

Page 109

16 September 2004 20:16:10

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

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>		G: 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>		G: 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		

TS 32.270	Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging						
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21	2003-09-29	1 . 0 . 0	SP-030412	get it	<i>remarks - general:</i>	
	SP-25	2 . 0 . 0		SP-040555		<i>remarks - this release:</i>	.
	SP-25	6 . 0 . 0					

TS 32.271	Telecommunication management; Charging management; Location Services (LCS) charging						
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BIBAS, Alain	ORANGE SA		
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>						
	SP-21	2003-09-29	1 . 0 . 0	SP-030411	get it	<i>remarks - general:</i>	
						<i>remarks - this release:</i>	.

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3GPP specification status

Page 110

16 September 2004 20:16:10

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

TS 32.272	Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging					
Rel-6	current version: 0.0.2	DRAFT	WG (prime / other): S5 / -	rapporteur: NENNER, Karl-Heinz	T-Mobile International AG	
	freeze_meeting:		G: U: yes	MCC: ZOICAS, Adrian		
	history (event, available, version, comments):					
	draft	2004-05-24	0 . 0 . 2	History claims that this is v0.1.0.	get it	remarks - general: SP-24: this spec is a straw man for shooting down by OMA; it may never reach maturity. remarks - this release: .
<hr/>						
TS 32.295	Telecommunication management; Charging management; Charging Data Record (CDR) transfer					
Rel-6	current version: 6.0.0		WG (prime / other): S5 / -	rapporteur: GOERMER, Gerald	SIEMENS AG	
	freeze_meeting:		G: yes U: yes	MCC: ZOICAS, Adrian		
	history (event, available, version, comments):					
	SP-25		1 . 0 . 0	SP-040553		remarks - general:
	SP-25		6 . 0 . 0			remarks - this release: .
<hr/>						
TS 32.296	Telecommunication management; Charging management; On line Charging System (OCS): Applications and interfaces					
Rel-6	current version: 1.8.1	DRAFT	WG (prime / other): S5 / -	rapporteur: BROWN, Yishai	Amdocs Software Systems Limited	
	freeze_meeting:		G: yes U: yes	MCC: ZOICAS, Adrian		
	history (event, available, version, comments):					
	draft		0 . 0 . 2			remarks - general: WID = CH (SP-030047)
	S5-35b	2003-10-22	0 . 1 . 0		get it	remarks - this release: 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	
	SP-25		1 . 8 . 1	SP-040551		

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3GPP specification status

Page 111

16 September 2004 20:16:10

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

TS 32.297	Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer					
Rel-6	current version: 6.0.0			WG (prime / other): S5 / -	rapporteur: NENNER, Karl-Heinz	T-Mobile International AG
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian	
history (event, available, version, comments):						
	SP-20	2003-06-17	1 . 0 . 0	SP-030273	get it	remarks - general: 2003-08-18: Title changed from "Telecommunication management; Charging
	draft		1 . 0 . 1			remarks - this release: . management; Charging interface description to the billing domain".
	draft		1 . 1 . 0			
	draft		1 . 2 . 0			
	S2-36b	2004-01-26	1 . 2 . 1		get it	
	draft		1 . 3 . 0			
	draft	2004-03-03	1 . 4 . 0	S5-044147	get it	
	draft	2004-03-05	1 . 4 . 1		get it	
	SP-23	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	current version: 1.0.0		DRAFT	WG (prime / other): S5 / -	rapporteur: NENNER, Karl-Heinz	T-Mobile International AG
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian	
history (event, available, version, comments):						
	SP-21	2003-09-29	1 . 0 . 0	SP-030413	get it	remarks - general:
						remarks - this release: .

TS 32.299	Telecommunication management; Charging management; Diameter charging applications					
Rel-6	current version: 6.0.0			WG (prime / other): S5 / -	rapporteur: ALEXANDER, Benni	NOKIA Corporation
	freeze_meeting:			G: U: yes	MCC: ZOICAS, Adrian	
history (event, available, version, comments):						
	draft		0 . 1 . 0			remarks - general: 2003-08-18: Title changed from "Telecommunication management; Charging
	draft	2004-01-26	0 . 2 . 0		get it	remarks - this release: . management; Charging protocol description".
	SP-23	2004-03-22	1 . 0 . 0	SP-040145	get it	
	SP-25		2 . 0 . 0	SP-040554		
	SP-25		6 . 0 . 0			

TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements					
Rel-6	current version: 6.0.0			WG (prime / other): S5 / -	rapporteur: SCHMIDT, Joerg	MOTOROLA A/S
	freeze_meeting:			G: yes U: yes	MCC: ZOICAS, Adrian	
history (event, available, version, comments):						
	SP-23	2004-03-24	6 . 0 . 0		get it	remarks - general: was 32.301-1
						remarks - this release: .

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3GPP specification status

Page 112

16 September 2004 20:16:10

ACTIVE specs Rel-6 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-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> .			
<hr/>									
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)	6.1.0	<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-23 2004-03-24 6 . 0 . 0				get it	<i>remarks - general:</i> was 32.301-3			
	SP-25 6 . 1 . 0					<i>remarks - this release:</i> .			
<hr/>									
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution 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> .			
<hr/>									
TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-23 2004-03-23 6 . 0 . 0				get it	<i>remarks - general:</i> was 32.112-1			
						<i>remarks - this release:</i> .			
<hr/>									
TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (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 2004-03-23 6 . 0 . 0				get it	<i>remarks - general:</i> was 32.112-2			
						<i>remarks - this release:</i> .			

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3GPP specification status

Page 113

16 September 2004 20:16:10

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

TS 32.321	Telecommunication management; Test management Integration Reference Point (IRP): Requirements								
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>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 32.331	Telecommunication management; Notification log 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-22 2004-01-05	1 . 0 . 0					get it	<i>remarks - general:</i>	
	SP-23 2004-03-22	2 . 0 . 0					get it	<i>remarks - this release:</i>	.
	SP-23 2004-03-22	6 . 0 . 0					get it		
<hr/>									
TS 32.332	Telecommunication management; Notification log Integration Reference Point (IRP): Information Service (IS)								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> 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 2004-03-22	1 . 0 . 0					get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
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>	.

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3GPP specification status

Page 114

16 September 2004 20:16:11

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

TS 32.335	Telecommunication management; Notification log Integration Reference Point (IRP): eXtensible Markup Language (XML) definitions								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<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-25	1 . 0 . 0	SP-040564				<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>								
	SP-20	2003-06-17	1 . 0 . 0	SP-030290			get it	<i>remarks - general:</i>	
	SP-23	2004-03-22	2 . 0 . 0	SP-040124			get it	<i>remarks - this release:</i>	
	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>								
	SP-22	2004-01-05	1 . 0 . 0	SP-030637			get it	<i>remarks - general:</i>	
	SP-24	2004-06-14	2 . 0 . 0	SP-040244			get it	<i>remarks - this release:</i>	
	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> 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>								
	SP-23	2004-03-22	1 . 0 . 0	SP-040127			get it	<i>remarks - general:</i>	
	SP-25		2 . 0 . 0	SP-040563				<i>remarks - this release:</i>	
	SP-25		6 . 0 . 0						
<hr/>									
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	<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 117

16 September 2004 20:16:11

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

TS 32.371	Telecommunication management; Security Management concept and requirements								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> YANG, Li	HuaWei Technologies Co., Ltd					
	<i>freeze_meeting:</i>	G: yes U: yes	<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-25: title changed from "Security Management Integration		
	SP-23	2004-03-22	1 . 0 . 0	get it	<i>remarks - this release:</i>	. Reference Point (IRP): Requirements".			
	SP-25		2 . 0 . 0				SP-040565		
	SP-25		6 . 0 . 0						

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>	G: yes U: yes	<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>	.			

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>	G: yes U: yes	<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>	.			

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>	G: yes U: yes	<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>	.			

TS 32.401	Telecommunication management; Performance Management (PM); Concept and 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-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					
	SP-25		6 . 3 . 0						

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

3GPP specification status

Page 118

16 September 2004 20:16:11

ACTIVE specs Rel-6 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-6	<i>current version:</i> 6.5.0			<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				
	SP-25		6 . 5 . 0						
<hr/>									
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				
<hr/>									
TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Information Service (IS)								
Rel-6	<i>current version:</i> 6.2.0			<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				
	SP-25		6 . 2 . 0						

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

3GPP specification status

Page 119

16 September 2004 20:16:11

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

TS 32.413 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)
Rel-6 *current version:* 6.2.0 *WG (prime / other):* S5 / - *rapporteur:* RUI, Lanlan China Mobile Communications Corporation (CMCC)
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
SP-25		6	.	2	.	0			

TS 32.414 Telecommunication management; Performance Management (PM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 32.421 Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements
Rel-6 *current version:* 6.4.0 *WG (prime / other):* S5 / - *rapporteur:* KORINEK, Frank MOTOROLA JAPAN LTD
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	
SP-25		6	.	4	.	0			

TS 32.422 Telecommunication management; Subscriber and equipment trace; Trace control and Configuration Management (CM)
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* RAO, Mohan Lucent Technologies Network Systems UK
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-23	2004-03-22	1	.	0	.	0	SP-040117	get it	<i>remarks - general:</i>
SP-25		2	.	0	.	0	SP-040543		<i>remarks - this release:</i> .
SP-25		6	.	0	.	0			

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

3GPP specification status

Page 120

16 September 2004 20:16:11

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

TS 32.423	Telecommunication management; Subscriber and equipment trace; Trace data definition and management								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-25	1 . 0 . 0	SP-040544					<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> 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-25	1 . 0 . 0	SP-040578					<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 32.435	Telecommunications management; Performance measurement: eXtensible Markup Language (XML) file format definition								
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-25	1 . 0 . 0	SP-040579					<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TS 32.436	Telecommunications management; Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition								
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-25	1 . 0 . 0	SP-040580					<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
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					<i>remarks - general:</i>	Replaces 32.106 (pars).
				get it				<i>remarks - this release:</i>	.
<hr/>									

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

3GPP specification status

Page 121

16 September 2004 20:16:11

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

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> 6.1.0	<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> .
	SP-25 6 . 1 . 0				
<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> .
<hr/>					
TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements				
Rel-6	<i>current version:</i> 6.1.0	<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> .
	SP-25 6 . 1 . 0				

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

3GPP specification status

Page 122

16 September 2004 20:16:11

ACTIVE specs Rel-6 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-6	current version: 6.0.0
	freeze_meeting:
history (event, available, version, comments):	
	SP-23 2004-03-24 6 . 0 . 0
	get it remarks - general: was 32.602-2
	remarks - this release: .

TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution
Rel-6	current version: 6.0.0
	freeze_meeting:
history (event, available, version, comments):	
	SP-23 2004-03-24 6 . 0 . 0
	get it remarks - general: was 32.602-3
	remarks - this release: .

TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set
Rel-6	current version: 6.0.0
	freeze_meeting:
history (event, available, version, comments):	
	SP-23 2004-03-24 6 . 0 . 0
	get it remarks - general: was 32.602-4
	remarks - this release: .

TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-6	current version: 6.2.0
	freeze_meeting:
history (event, available, version, comments):	
	SP-22 2004-01-13 6 . 0 . 0
	SP-23 2004-03-24 6 . 1 . 0
	SP-24 2004-06-15 6 . 2 . 0
	get it remarks - general: was 32.620-2
	get it remarks - this release: .
	get it

TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)
Rel-6	current version: 6.3.0
MOTOROLA Ltd	WG (prime / other): S5 / -
	rapporteur: PIRT, Trevor
	freeze_meeting:
history (event, available, version, comments):	
	SP-22 2004-01-14 6 . 0 . 0
	SP-23 2004-03-24 6 . 1 . 0
	SP-24 2004-06-15 6 . 2 . 0
	SP-25 6 . 3 . 0
	G: yes U: yes
	MCC: ZOICAS, Adrian
	get it remarks - general: was 32.620-3
	get it remarks - this release: .
	get it

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

3GPP specification status

Page 123

16 September 2004 20:16:11

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

TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP): Common Management Information Protocol							
Rel-6	<i>current version: (CMIP) Solution Set (SS)</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-24	2004-06-15	6	.	0	.	0	
						get it	<i>remarks - general:</i>	was 32.620-4
							<i>remarks - this release:</i>	.
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML)							
Rel-6	<i>current version: file format definition</i>	6.2.0	<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-22	2004-01-14	6	.	0	.	0	
	SP-23	2004-03-24	6	.	1	.	0	
	SP-24	2004-06-17	6	.	2	.	0	
						get it	<i>remarks - general:</i>	
						get it	<i>remarks - this release:</i>	.
						get it		
TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Common Object Request Broker Architecture							
Rel-6	<i>current version: (CORBA) solution set</i>	6.0.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PAL, Tapinder	MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>		G: yes	U: yes		<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>							
	SP-25		6	.	0	.	0	
							<i>remarks - general:</i>	was 32.621-3
							<i>remarks - this release:</i>	.
TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP); Requirements							
Rel-6	<i>current version: 6.0.0</i>		<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-23	2004-03-24	6	.	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-6	<i>current version: 6.2.0</i>		<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i>		G:	U: yes		<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>							
	SP-23	2004-03-24	6	.	0	.	0	
	SP-24	2004-06-17	6	.	1	.	0	
	SP-25		6	.	2	.	0	
						get it	<i>remarks - general:</i>	was 32.622-2
						get it	<i>remarks - this release:</i>	.

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3GPP specification status

Page 124

16 September 2004 20:16:11

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	current version: (CORBA) Solution Set (SS)	6.2.0	WG (prime / other):	S5	/-	rapporteur:	RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i>			G:	U: yes		MCC:		ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>									
	SP-23	2004-03-24	6 . 0 . 0		get it		remarks - general:		was 32.622-3	
	SP-24	2004-06-17	6 . 1 . 0		get it		remarks - this release:		.	
	SP-25		6 . 2 . 0							
TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file	Rel-6	current version: format definition	6.1.0	WG (prime / other):	S5	/-	rapporteur:	TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>			G:	U: yes		MCC:		ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>									
	SP-24	2004-06-17	6 . 0 . 0		get it		remarks - general:			
	SP-25		6 . 1 . 0				remarks - this release:		.	
TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	Rel-6	current version: 6.0.0		WG (prime / other):	S5	/-	rapporteur:	PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i>			G: yes	U:		MCC:		ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>									
	SP-25		6 . 0 . 0				remarks - general:		was 32.623-2	
							remarks - this release:		.	
TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Object Request Broker Architecture	Rel-6	current version: (CORBA) Solution Set (SS)	6.0.0	WG (prime / other):	S5	/-	rapporteur:	RAYMER, David	Motorola Inc.
	<i>freeze_meeting:</i>			G: yes	U:		MCC:		ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>									
	SP-25		6 . 0 . 0				remarks - general:		was 32.623-3	
							remarks - this release:		.	
TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol	Rel-6	current version: (CMIP) Solution Set (SS)	6.0.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i>			G: yes	U:		MCC:		ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>									
	SP-25		6 . 0 . 0				remarks - general:		was 32.623-4	
							remarks - this release:		.	

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3GPP specification status

Page 125

16 September 2004 20:16:12

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

TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM; Requirements				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, 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:</i> 6.3.0	<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-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:</i> 6.2.0	<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-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> .		
	SP-25 6 . 2 . 0				
<hr/>					
TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set				
Rel-6	<i>current version:</i> 6.2.0	<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-19 2003-04-01 6 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-20 2003-06-27 6 . 1 . 0	get it	<i>remarks - this release:</i> .		
	SP-25 6 . 2 . 0				
<hr/>					
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>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>		
			<i>remarks - this release:</i> .		

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

3GPP specification status

Page 126

16 September 2004 20:16:12

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

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>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>			
					<i>remarks - this release:</i>			
<hr/>								
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)	6.1.0	<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>							
	SP-23 2004-03-23 6 . 0 . 0			get it	<i>remarks - general:</i>			
	SP-25 6 . 1 . 0				<i>remarks - this release:</i>			
<hr/>								
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)	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>			
					<i>remarks - this release:</i>			
<hr/>								
TS 32.681	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Requirements							
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>							
	SP-21 2003-09-29 1 . 0 . 0 SP-030426			get it	<i>remarks - general:</i>			
					<i>remarks - this release:</i>			
<hr/>								
TS 32.682	Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP); Information Service (IS)							
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i>		G: yes 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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3GPP specification status

Page 127

16 September 2004 20:16:12

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

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: .

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:* 6.0.0 *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)
SP-25 2 . 0 . 0 SP-040596 *remarks - this release:* .
SP-25 6 . 0 . 0

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

3GPP specification status

Page 128

16 September 2004 20:16:12

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

TS 32.712	Telecommunication management; Transport Network (TN) Network Resource Model (NRM) 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> PAL, Tapinder					T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-21 2003-09-29	1 . 0 . 0					get it	<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	
	SP-25	2 . 0 . 0						<i>remarks - this release:</i> .	
	SP-25	6 . 0 . 0							
<hr/>									
TS 32.713	Telecommunication management; Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Object Request Broker Architecture								
Rel-6	<i>current version:</i> (CORBA) Solution Set (SS)	6.0.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> PAL, Tapinder				T-
MOBILE DEUTSCHLAND									
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-25	1 . 0 . 0						<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	
	SP-25	6 . 0 . 0						<i>remarks - this release:</i> .	
<hr/>									
TS 32.714	Telecommunication management; Transport Network (TN) Network Resource Model (NRM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP)								
Rel-6	<i>current version:</i> Solution Set (SS)	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> PAL, Tapinder				T-
MOBILE DEUTSCHLAND									
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
								<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	
								<i>remarks - this release:</i> .	
<hr/>									
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> 6.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder					T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-25	1 . 0 . 0						<i>remarks - general:</i> WI = OAM-NIM (UID 35014)	
	SP-25	6 . 0 . 0						<i>remarks - this release:</i> .	
<hr/>									
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	6.0.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> THORSTEINSSON,				
Iceland Telecom Ltd.									
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> Saemundur ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-24 2004-06-14	1 . 0 . 0					get it	<i>remarks - general:</i>	
	SP-25	2 . 0 . 0						<i>remarks - this release:</i> .	
	SP-25	6 . 0 . 0							

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

3GPP specification status

Page 129

16 September 2004 20:16:12

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

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)	6.0.0	<i>WG (prime / other):</i>	S5	/-	<i>rappporteur:</i>	THORSTEINSSON,
			Iceland Telecom Ltd.						
	<i>freeze_meeting:</i>			G:	U: yes	MCC:			Saemundur ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>								
			SP-24 2004-06-14 1 . 0 . 0 SP-040263			get it			<i>remarks - general:</i>
			SP-25 2 . 0 . 0 SP-040601						<i>remarks - this release:</i> .
			SP-25 6 . 0 . 0						
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)	6.0.0	<i>WG (prime / other):</i>	S5	/	-	<i>rappporteur:</i>
			THORSTEINSSON, Iceland Telecom Ltd.						
	<i>freeze_meeting:</i>			G:	U: yes	MCC:			Saemundur ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>								
			SP-25 1 . 0 . 0 SP-040602						<i>remarks - general:</i>
			SP-25 6 . 0 . 0						<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	<i>WG (prime / other):</i>	S5	/	-	<i>rappporteur:</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> .
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>rappporteur:</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> .

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3GPP specification status

Page 130

16 September 2004 20:16:12

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

TR 32.803	Telecommunication management; Process guide; Use cases in Unified Modelling Language (UML)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ISLIP, John		Lucent Technologies Network Systems UK			
	<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-23	2004-03-22	1 . 0 . 0	SP-040109	get it	<i>remarks - general:</i>			
	SP-25		2 . 0 . 0	SP-040547		<i>remarks - this release:</i>			
	SP-25		6 . 0 . 0						

TR 32.804	Telecommunication management; Control of Remote Electrical Tilting (RET) antennas; Requirements								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> MUDGE, John		VODAFONE Group Plc			
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> 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)		
	SP-25		2 . 0 . 0	SP-040603		<i>remarks - this release:</i>			
	SP-25		6 . 0 . 0						

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>		<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-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

TS 33.102	3G security; Security architecture								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOMMAERT, Marc		Siemens nv/sa			
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-21	2003-09-30	6 . 0 . 0		get it	<i>remarks - general:</i>			
	SP-24	2004-06-15	6 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-25		6 . 2 . 0						

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3GPP specification status

Page 131

16 September 2004 20:16:12

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

TS 33.105	Cryptographic algorithm requirements					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-24 2004-06-15 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 33.106	Lawful interception requirements					
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-22 2004-01-08 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 33.107	3G security; Lawful interception architecture and functions					
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-21 2003-09-30 6 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-22 2004-01-08 6 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-24 2004-06-15 6 . 2 . 0		get it			
	SP-25 6 . 3 . 0					
<hr/>						
TS 33.108	3G security; Handover interface for Lawful Interception (LI)					
Rel-6	<i>current version:</i> 6.7.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-18 2002-12-18 6 . 0 . 0		get it	<i>remarks - general:</i>	2001-12-04 Title changed from "Lawful Interception; Interface between core network	
	SP-19 2003-03-24 6 . 1 . 0		get it	<i>remarks - this release:</i>	. 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			
	SP-25 6 . 7 . 0					

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

3GPP specification status

Page 132

16 September 2004 20:16:12

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

TS 33.141	Presence service; Security								
Rel-6	current version: 6.1.0		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	S3-020647		remarks - this release: .				
post	S3-31 2003-11-12	0 . 2 . 0		get it					
post	S3-31 2003-12-04	0 . 3 . 1		get it					
	SP-22 2004-01-05	1 . 0 . 0	SP-030719	get it					
post	S3-23 2004-02-18	1 . 1 . 0		get it					
	SP-23 2004-03-22	1 . 1 . 1	SP-040163	get it					
	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	SP-040367	get it					
	SP-24 2004-06-18	6 . 0 . 0		get it					
	SP-25	6 . 1 . 0							

TS 33.203	3G security; Access security for IP-based services								
Rel-6	current version: 6.4.0		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					
	SP-25	6 . 4 . 0							

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					

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

3GPP specification status

Page 133

16 September 2004 20:16:12

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

TS 33.220 Generic Authentication Architecture (GAA); Generic bootstrapping architecture

Rel-6 *current version:* 6.2.0 *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 §4.
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-030583		get it	
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	SP-040164 -> SP-040175		get it	
SP-23	2004-03-22	6	.	0	.	0			get it	
SP-24	2004-06-15	6	.	1	.	0			get it	
SP-25		6	.	2	.	0				

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

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				<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	
SP-25		6	.	1	.	0				

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

3GPP specification status

Page 134

16 September 2004 20:16:12

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

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: 6.1.0	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		remarks - general: WI = SEC1-SC (UID 33002) Based on 33.109 v0.3.0 protocol B.
	draft 2003-11-04	0 . 1 . 1		get it	remarks - this release: .
	draft 2004-01-21	0 . 2 . 0		get it	
	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	
	SP-25	6 . 1 . 0			

TS 33.234	3G security; Wireless Local Area Network (WLAN) interworking security				
Rel-6	current version: 6.2.0	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		get it	remarks - general:
	S3-25	0 . 2 . 0			remarks - this release: .
	S3-26	0 . 3 . 0			
	S3-27	0 . 4 . 0			
	S3-28	0 . 5 . 0			
	S3-29 2003-09-26	0 . 6 . 0		get it	
	S3-30 2003-11-12	0 . 7 . 0		get it	
	SP-22 2004-01-05	1 . 0 . 0	SP-030585	get it	
	S3-32 2004-03-01	1 . 0 . 1		get it	
	SP-23 2004-03-22	2 . 0 . 0	SP-040167	get it	
	SP-23 2004-03-22	6 . 0 . 0		get it	
	SP-24 2004-06-15	6 . 1 . 0		get it	
	SP-25	6 . 2 . 0			

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

3GPP specification status

Page 135

16 September 2004 20:16:13

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: 6.0.0	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	SP-030586	get it		
SP-22	2004-03-04	1 . 1 . 0	ex S3-31	get it		
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	SP-040366	get it		
S3-34	2004-07-23	1 . 3 . 0	S3-040678	get it		
S3-34	2004-09-03	1 . 3 . 1		get it		
SP-25		2 . 0 . 0	SP-040624			
SP-25		6 . 0 . 0				

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

3GPP specification status

Page 137

16 September 2004 20:16:13

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: 6.0.0	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		
	S3-34	1 . 3 . 0				
	SP-25	2 . 0 . 0	SP-040625, based on v1.3.0			
	draft 2004-07-27	2 . 1 . 0	unofficial rapporteur's draft, withdrawn	get it		
	SP-25	6 . 0 . 0				

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

3GPP specification status

Page 138

16 September 2004 20:16:13

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 139

16 September 2004 20:16:13

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

TS 42.068 Voice Group Call Service (VGCS); Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):

SP-25 6 . 0 . 0

remarks - general:
remarks - this release: .

TS 42.069 Voice Broadcast Service (VBS); Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):

SP-25 6 . 0 . 0

remarks - general:
remarks - this release: .

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

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

3GPP specification status

Page 140

16 September 2004 20:16:13

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

TS 43.020	Security-related network functions					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-16 2002-07-19 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-25 2003-01-03 6 . 0 . 0		<i>remarks - this release:</i>			

TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i>	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> Moved from SMG3 Jan 2000.			
			<i>remarks - this release:</i>			

TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-17 2003-12-05 6 . 0 . 0	get it	<i>remarks - general:</i> Originally created as 03.51r00			
			<i>remarks - this release:</i>			

TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-6	<i>current version:</i> 6.6.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
	<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-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-20 2004-07-09 6 . 5 . 0	get it				
	GP-21 2004-07-09 6 . 6 . 0					

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

3GPP specification status

Page 141

16 September 2004 20:16:13

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: 6.2.0	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: .				
	NP-25	6 . 2 . 0							
<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.

3GPP specification status

Page 142

16 September 2004 20:16:13

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:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-21		2 . 1 . 0	GP-042290		<i>remarks - general:</i>
GP-21		6 . 0 . 0			<i>remarks - this release:</i> .

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.

3GPP specification status

Page 143

16 September 2004 20:16:14

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	current version: 6.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	GP-15 2003-07-10 6 . 0 . 0	get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 44.004	Layer 1 - General Requirements				
Rel-6	current version: 6.0.0	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	GP-17 2003-12-05 6 . 0 . 0	get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 44.005	Data Link (DL) Layer General Aspects				
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		
	history (event, available, version, comments):				
	GP-18 2004-02-23 6 . 0 . 0	get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Rel-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		
	history (event, available, version, comments):				
	GP-18 2004-02-23 6 . 0 . 0	get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 44.014	Individual equipment type requirements and interworking; Special conformance testing functions				
Rel-6	current version: 6.1.0	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	GP-16 2003-09-12 6 . 0 . 0	get it	remarks - general:		
	GP-20 2004-07-23 6 . 1 . 0	get it	remarks - this release:		

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

3GPP specification status

Page 144

16 September 2004 20:16:14

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](#) *remarks - general:*

GP-13 2003-02-21 6 . 1 . 0

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

GP-14 2003-04-28 6 . 2 . 0

[get it](#)

GP-15 2003-07-10 6 . 3 . 0

[get it](#)

GP-16 2003-09-12 6 . 4 . 0 problem with ToC

[get it](#)

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](#) *remarks - general:*

GP-16 2003-09-12 6 . 1 . 0

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

GP-18 2004-02-23 6 . 2 . 0

[get it](#)

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.

3GPP specification status

Page 145

16 September 2004 20:16:14

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:	MCC:	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> 6.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i>	G: yes U:	MCC:	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		
	NP-25	6 . 3 . 0			

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:	MCC:	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>	.

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

3GPP specification status

Page 146

16 September 2004 20:16:14

ACTIVE specs Rel-6 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; Iu mode					
Rel-6	current version: 6.3.0	WG (prime / other): G2 /	rapporteur: VIRTEJ, Iuliana	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, comments):					
	GP-17 2003-12-05	6 . 0 . 0	get it	remarks - general:		
	GP-18 2004-02-23	6 . 1 . 0	get it	remarks - this release:		
	GP-19 2004-05-06	6 . 2 . 0	get it			
	GP-20 2004-07-23	6 . 3 . 0	get it			

TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for Iu 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			
	history (event, available, version, comments):					
	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			
	history (event, available, version, comments):					
	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		

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

3GPP specification status

Page 147

16 September 2004 20:16:14

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

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

TS 45.001 Physical layer on the radio path; General description

Rel-6 *current version:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
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:*
GP-14 2003-04-25 6 . 1 . 0 [get it](#) *remarks - this release:* .
GP-17 2003-12-05 6 . 2 . 0 [get it](#)
GP-18 2004-02-20 6 . 3 . 0 [get it](#)
GP-20 2004-07-09 6 . 4 . 0 [get it](#)

TS 45.002 Multiplexing and multiple access on the radio path

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):
GP-13 2003-02-21 6 . 0 . 0 [get it](#) *remarks - general:*
GP-14 2003-04-25 6 . 1 . 0 [get it](#) *remarks - this release:* .
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 *current version:* 6.5.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-16 2003-09-12 6 . 0 . 0 [get it](#) *remarks - general:*
GP-17 2003-12-05 6 . 1 . 0 [get it](#) *remarks - this release:* .
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 access; U = required in systems with UMTS access.

3GPP specification status

Page 148

16 September 2004 20:16:14

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 *current version:* 6.6.0

freeze_meeting:

history (event, available, version, comments):

GP-12	2003-01-03	6	.	0	.	0
GP-13	2003-02-21	6	.	1	.	0
GP-14	2003-04-25	6	.	2	.	0
GP-16	2003-09-12	6	.	3	.	0
GP-18	2004-02-20	6	.	4	.	0
GP-19	2004-05-06	6	.	5	.	0
GP-20	2004-07-09	6	.	6	.	0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson

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

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

TS 45.008 Radio subsystem link control

Rel-6 *current version:* 6.9.0

freeze_meeting:

history (event, available, version, comments):

GP-12	2003-01-03	6	.	0	.	0
GP-13	2003-02-21	6	.	1	.	0
GP-14	2003-04-25	6	.	2	.	0
GP-15	2003-07-11	6	.	3	.	0
GP-16	2003-09-12	6	.	4	.	0
GP-17	2003-12-05	6	.	5	.	0
GP-18	2004-02-20	6	.	6	.	0
GP-19	2004-05-06	6	.	7	.	0
GP-20	2004-07-09	6	.	8	.	0
GP-21		6	.	9	.	0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc

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

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

TS 45.009 Link adaptation

Rel-6 *current version:* 6.1.0

freeze_meeting:

history (event, available, version, comments):

GP-17	2003-12-05	6	.	0	.	0
GP-18	2004-02-20	6	.	1	.	0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

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

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

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

3GPP specification status

Page 149

16 September 2004 20:16:14

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>	G: yes U:	MCC: 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				<i>remarks - this release:</i> .	
	GP-16 2003-09-12 6 . 2 . 0			get it		
<hr/>						
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>	G: yes U:	MCC: 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 (!)	
<hr/>						
TR 45.050	Background for RF Requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter		MOTOROLA A/S	
	<i>freeze_meeting:</i>	G: yes U:	MCC: 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> .	
<hr/>						
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>	G: yes U:	MCC: 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.	

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

3GPP specification status

Page 150

16 September 2004 20:16:14

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 [get it](#)

remarks - this release: .

GP-13 2003-02-13 0 . 4 . 0 GP 030193 [get it](#)

GP-13 2003-02-13 1 . 0 . 0 [get it](#)

GP-14 2003-04-25 6 . 0 . 0 [get it](#)

GP-15 2003-07-11 6 . 1 . 0 [get it](#)

GP-16 2003-09-12 6 . 2 . 0 [get it](#)

GP-17 2003-12-05 6 . 3 . 0 [get it](#)

GP-18 2004-02-20 6 . 4 . 0 [get it](#)

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:* 6.0.0

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 [get it](#) is evidently not the first draft)

remarks - general:

remarks - this release: .

GP-21 2 . 0 . 0 GP-042261

GP-21 6 . 0 . 0

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

history (event, available, version, comments):

GP-20 2004-07-23 6 . 0 . 0

[get it](#)

remarks - general:

remarks - this release: .

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

3GPP specification status

Page 151

16 September 2004 20:16:14

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 Skov
freeze_meeting:

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

history (event, available, version, comments):

GP-12	2002-12-17	6	.	0	.	0
GP-13	2003-02-21	6	.	1	.	0
GP-15	2003-07-10	6	.	2	.	0
GP-16	2003-09-12	6	.	3	.	0
GP-17	2003-12-05	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](#)

[get it](#)

[get it](#)

[get it](#)

[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 Skov
freeze_meeting:

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

history (event, available, version, comments):

GP-21	2004-09-04	6	.	0	.	0
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[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
GP-14	2003-04-29	6	.	1	.	0
GP-15	2003-07-10	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

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

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[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 Skov
freeze_meeting:

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

history (event, available, version, comments):

GP-16	2003-09-12	6	.	0	.	0
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[get it](#) *remarks - general:*

remarks - this release: .

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

3GPP specification status

Page 152

16 September 2004 20:16:15

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	<i>current version:</i> 6.6.0
	<i>freeze_meeting:</i>
	<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-14	2003-04-29 6 . 0 . 0 get it <i>remarks - general:</i>
GP-15	2003-07-10 6 . 1 . 0 get it <i>remarks - this release: .</i>
GP-16	2003-09-12 6 . 2 . 0 get it
GP-17	2003-12-05 6 . 3 . 0 get it
GP-18	2004-02-23 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

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	<i>current version:</i> 6.3.0
	<i>freeze_meeting:</i>
	<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-15	2003-07-10 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	2004-02-23 6 . 2 . 0 get it
GP-19	2004-05-06 6 . 3 . 0 get it

Rel-6 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.

3GPP specification status

Page 153

16 September 2004 20:16:15

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:* 1.0.0 DRAFT
freeze_meeting:
history (event, available, version, comments):
draft 2003-07-15 0 . 1 . 2
SP-25 1 . 0 . 0 SP-040545

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 154

16 September 2004 20:16:15

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	get it	<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				
<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	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			
	SP-21	2003-09-30	6 . 2 . 0			get it			
<hr/>									
TS 55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new 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	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			
<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	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			

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

3GPP specification status

Page 155

16 September 2004 20:16:15

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>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>								
		<i>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>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	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>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan	T-Mobile International AG					
	<i>freeze_meeting:</i> TP-16	<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>	.			

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

3GPP specification status

Page 156

16 September 2004 20:16:15

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

TR 21.801	Specification drafting rules								
Rel-5	<i>current version:</i> 5.1.0			WG (prime / other):	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			

TR 21.900	Technical Specification Group working methods								
Rel-5	<i>current version:</i> 5.1.0			WG (prime / other):	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	corrects Release id on cover page	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			

TR 21.905	Vocabulary for 3GPP Specifications								
Rel-5	<i>current version:</i> 5.8.0			WG (prime / other):	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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 157

16 September 2004 20:16:15

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 158

16 September 2004 20:16:15

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

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	<i>G: yes U: yes</i>		<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	<i>G: yes U: yes</i>		<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	<i>G: yes U: yes</i>		<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	<i>G: yes U: yes</i>		<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	<i>G: yes U: yes</i>		<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.				

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

3GPP specification status

Page 159

16 September 2004 20:16:15

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

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 160

16 September 2004 20:16:15

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

TS 22.048	Security mechanisms for the (U)SIM application toolkit; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T3 / S3		<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd				
	<i>freeze_meeting:</i> TP-20	G: yes U: yes		<i>MCC:</i> JURISIC, Andrijana					
	<i>history (event, available, version, 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	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 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd				
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, 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	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> 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						

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

3GPP specification status

Page 161

16 September 2004 20:16:15

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

TS 22.066 Support of Mobile Number Portability (MNP); Stage 1

Rel-5 *current version:* 5.1.0

freeze_meeting: SP-16

history (event, available, version, comments):

SP-16 2002-07-19 5 . 0 . 0

SP-20 2003-06-18 5 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael

EMCOM Ltd

G: yes U: yes

MCC: CLAYTON, Michael

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

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

TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1

Rel-5 *current version:* 5.0.0

freeze_meeting: SP-16

history (event, available, version, comments):

SP-16 2002-07-19 5 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* SWETINA, Joerg

SIEMENS AG

G: yes U: yes

MCC: CLAYTON, Michael

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

remarks - this release: .

TS 22.071 Location Services (LCS); Stage 1

Rel-5 *current version:* 5.4.0

freeze_meeting: SP-15

history (event, available, version, comments):

SP-14 2002-01-10 5 . 0 . 0

SP-15 2002-03-25 5 . 1 . 0

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

SP-21 2003-09-30 5 . 2 . 0

SP-22 2004-01-06 5 . 3 . 0

SP-23 2004-03-23 5 . 4 . 0

WG (prime / other): S1 / - *rapporteur:* DEOL, Amar

Nortel Networks (USA)

G: yes U: yes

MCC: CLAYTON, Michael

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 22.072 Call Deflection (CD); Stage 1

Rel-5 *current version:* 5.0.0

freeze_meeting: SP-16

history (event, available, version, comments):

SP-16 2002-07-19 5 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* HECHWARTNER, Roland

T-Mobile AUSTRIA GmbH

G: yes U: yes

MCC: CLAYTON, Michael

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

remarks - this release: .

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

3GPP specification status

Page 162

16 September 2004 20:16:15

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA 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:*
remarks - this release: .

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

Rel-5 *current version:* 5.14.0 *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-09 2000-11-09 5 . 0 . 0 unclear how to implement CR [get it](#) *remarks - general:*
SP-10 2001-01-08 5 . 1 . 0 [get it](#) *remarks - this release:*
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 2003-01-07 5 . 9 . 1 [get it](#)
headers/footers)
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](#)

TS 22.079 Support of optimal routing; Stage 1

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

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

3GPP specification status

Page 163

16 September 2004 20:16:16

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

TS 22.081	Line Identification supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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 (MPPTY) 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> .

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

3GPP specification status

Page 164

16 September 2004 20:16:16

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

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> SP-16 2002-07-19 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.087	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> SP-16 2002-07-19 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.088	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> SP-16 2002-07-19 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.090	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> SP-16 2002-07-19 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.091	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> 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.

3GPP specification status

Page 165

16 September 2004 20:16:16

ACTIVE specs Rel-5 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-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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3GPP specification status

Page 166

16 September 2004 20:16:16

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

TS 22.101 Service aspects; Service principles

Rel-5 *current version:* 5.13.0
freeze_meeting: SP-15
history (event, available, version, comments):

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	

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

TS 22.105 Services and service capabilities

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

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	

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

TS 22.112 USIM toolkit interpreter; Stage 1

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-15
history (event, available, version, comments):

TP-13	2001-10-12	5	.	0	.	0	get it	<i>remarks - general:</i>
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WG (prime / other): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
G: U: yes *MCC:* JURISIC, Andrijana
remarks - this release: .

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

3GPP specification status

Page 167

16 September 2004 20:16:16

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

TS 22.115	Service Aspects Charging and billing						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SCARRONE, Enrico	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, 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	<i>G:</i> yes <i>U:</i> 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	<i>G:</i> <i>U:</i> 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					

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

3GPP specification status

Page 168

16 September 2004 20:16:16

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

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-010266
	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			

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

3GPP specification status

Page 169

16 September 2004 20:16:16

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

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

Rel-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

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

3GPP specification status

Page 170

16 September 2004 20:16:16

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

TS 23.002	Network architecture						
Rel-5	<i>current version:</i> 5.12.0						
	<i>freeze_meeting:</i> SP-15						
	<i>history (event, available, version, comments):</i>						
	SP-09 2000-10-18	5 . 0 . 0					
	SP-10 2000-12-21	5 . 1 . 0					
	SP-11 2001-04-06	5 . 2 . 0					
	SP-12 2001-07-12	5 . 3 . 0					
	SP-13 2001-10-12	5 . 4 . 0					
	SP-14 2002-01-07	5 . 5 . 0					
	SP-15 2002-04-02	5 . 6 . 0					
	SP-16 2002-06-17	5 . 7 . 0					
	SP-17 2002-09-24	5 . 8 . 0					
	SP-18 2003-01-10	5 . 9 . 0					
	SP-19 2003-03-27	5 . 10 . 0					
	SP-20 2003-06-20	5 . 11 . 0					
	SP-21 2003-10-01	5 . 12 . 0					

WG (prime / other): S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG
G: yes U: yes *MCC:* YOON, Sang-Ui

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

TS 23.003	Numbering, addressing and identification						
Rel-5	<i>current version:</i> 5.9.0						
	<i>freeze_meeting:</i> NP-15						
	<i>history (event, available, version, comments):</i>						
	NP-12 2001-06-27	5 . 0 . 0					
	NP-13 2001-10-03	5 . 1 . 0					
	NP-14 2002-01-11	5 . 2 . 0					
	NP-16 2002-06-21	5 . 3 . 0					
	NP-17 2002-09-17	5 . 4 . 0					
	NP-18 2003-01-07	5 . 5 . 0					
	post NP-18 fix 2003-01-10	5 . 5 . 1					
	corrupted figures						
	pp24 ff						
	NP-20 2003-06-27	5 . 6 . 0					
	NP-21 2003-10-09	5 . 7 . 0					
	NP-22 2004-01-12	5 . 8 . 0					
	NP-23 2004-03-23	5 . 9 . 0					

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

remarks - general:
remarks - this release: .

Implements CR082r2 omitted from v5.8.0. [get it](#)

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

3GPP specification status

Page 171

16 September 2004 20:16:16

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

TS 23.007 Restoration procedures

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

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

TS 23.008 Organisation of subscriber data

Rel-5 *current version:* 5.7.0
freeze_meeting: NP-15
history (event, available, version, comments):
NP-15 2002-03-28 5 . 0 . 0
NP-16 2002-06-21 5 . 1 . 0
NP-17 2002-09-17 5 . 2 . 0
NP-18 2003-01-07 5 . 3 . 0
NP-19 2003-04-04 5 . 4 . 0
NP-20 2003-06-27 5 . 5 . 0
NP-21 2003-10-09 5 . 6 . 0
NP-22 2004-01-12 5 . 7 . 0

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

TS 23.009 Handover procedures

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

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
G: yes U: yes *MCC:* JURISIC, Andrijana
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[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.

3GPP specification status

Page 172

16 September 2004 20:16:16

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

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>			
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				
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>			
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	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
TS 23.016	Subscriber data management; Stage 2					
Rel-5	<i>current version:</i> 5.3.0	<i>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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 173

16 September 2004 20:16:17

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

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>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	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>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	SP-18 2003-01-06 5 . 0 . 0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & 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>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	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>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	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				

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

3GPP specification status

Page 174

16 September 2004 20:16:17

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

TS 23.035	Immediate Service Termination (IST); Stage 2				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	<i>G: yes</i> <i>U: yes</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).	
	SP-16 2002-06-24 5 . 0 . 0	get it	<i>remarks - this release:</i>	.	
	SP-17 2002-09-18 5 . 1 . 0				
<hr/>					
TS 23.038	Alphabets and language-specific information				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	<i>G: yes</i> <i>U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	TP-15 2002-03-21 5 . 0 . 0		<i>remarks - this release:</i>	.	
	TP_25 5 . 1 . 0				
<hr/>					
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> TP-15	<i>G: yes</i> <i>U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>	get it	<i>remarks - general:</i>		
	TP-16 2002-07-02 5 . 0 . 0		<i>remarks - this release:</i>	.	

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

3GPP specification status

Page 175

16 September 2004 20:16:17

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

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.8.0

freeze_meeting: TP-15

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

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

history (event, available, version, comments):

NP-12	2001-07-05	5 . 0 . 0		get it	
TP-13	2001-10-03	5 . 1 . 0		get it	
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	figures 15h & g illegible	get it	
TP-20	2003-10-03	5 . 6 . 1	fixes illegible figures	get it	
TP-23	2004-03-25	5 . 7 . 0		get it	
edito post TP-23	2004-05-24	5 . 7 . 1		get it	
TP_25		5 . 8 . 0			

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

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.2.0

freeze_meeting: TP-16

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

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

history (event, available, version, comments):

TP-16	2002-06-26	5 . 0 . 0		get it	
TP-19	2003-03-24	5 . 1 . 0		get it	
TP-22	2004-01-09	5 . 2 . 0		get it	

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

TS 23.042 Compression algorithm for SMS

Rel-5 *current version:* 5.0.0

freeze_meeting: TP-15

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

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

history (event, available, version, comments):

TP-16	2002-06-26	5 . 0 . 0		get it	
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remarks - general:
remarks - this release: .

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

3GPP specification status

Page 176

16 September 2004 20:16:17

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

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	<i>remarks - general:</i>	TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13	2001-10-12	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
TP-14	2002-01-17	5	.	2	.	0	get it		
TP-15	2002-03-28	5	.	3	.	0	get it		
TP-17	2002-09-23	5	.	4	.	0	get it		
TP-18	2003-01-02	5	.	5	.	0	get it		
TP-19	2003-03-26	5	.	6	.	0	get it		
TP-20	2003-06-23	5	.	7	.	0	get it		
TP-22	2004-01-12	5	.	8	.	0	get it		

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	<i>remarks - general:</i>	No draft.
								<i>remarks - this release:</i>	.

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTP Communications plc
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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>	.

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

3GPP specification status

Page 177

16 September 2004 20:16:17

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

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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	
SP-25		5 . 9 . 0		

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
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	<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	

TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
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	<i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 23.072 Call Deflection Supplementary Service; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
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	<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.

3GPP specification status

Page 178

16 September 2004 20:16:17

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

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* N4 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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 SDL files	2003-10-08	5	.	5	.	1	get it
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

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

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

history (event, available, version, comments):

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

TS 23.081 Line Identification supplementary services; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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

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

3GPP specification status

Page 179

16 September 2004 20:16:17

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

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	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>			
			<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	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-17 2002-09-17 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.084	MultiParty (MPTY) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: 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>			
			<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	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 23.086	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>			

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

3GPP specification status

Page 180

16 September 2004 20:16:17

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

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	<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>	.
<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	<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>	.
<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	<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>	.
<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	<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>	
	NP-17 2002-09-17 5 . 1 . 0				get it	<i>remarks - this release:</i>	.
<hr/>							
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15	<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 181

16 September 2004 20:16:17

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

TS 23.094	Follow Me Stage 2								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-24 5 . 0 . 0				get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
	post NP-16 edito: 2002-07-01 5 . 0 . 1				get it	<i>remarks - this release:</i> .			
	make fig 5.1 visible								
<hr/>									
TS 23.096	Name Identification Supplementary Service; Stage 2								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-24 5 . 0 . 0				get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			
<hr/>									
TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16 2002-06-24 5 . 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-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-22			<i>G: U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	Upgrade to Rel-4 2004-01-22 5 . 0 . 0	Technically = v4.0.0			get it	<i>remarks - general:</i>			
	Correct illegible 2004-01-27 5 . 0 . 1				get it	<i>remarks - this release:</i> .			
	figures								

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

3GPP specification status

Page 182

16 September 2004 20:16:17

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 *current version:* 5.12.0

freeze_meeting: SP-15

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

NOKIA Corporation

history (event, available, version, comments):

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

[get it](#) *remarks - general:* was 23.907
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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[get it](#)
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TS 23.108 Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-16

WG (prime / other): N1 / - *rapporteur:* DOIG, Ian
G: yes *U:* yes *MCC:* JURISIC, Andrijana

MOTOROLA S.A.S

history (event, available, version, comments):

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

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

TS 23.110 UMTS Access Stratum Services and Functions

Rel-5 *current version:* 5.0.0

freeze_meeting: SP-22

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

T-MOBILE DEUTSCHLAND

history (event, available, version, comments):

upgrade to Rel-5 2003-10-09 5 . 0 . 0 Created when discovered it was missing [get it](#)
following SP-21 post SP-21. To be ratified SP-22.

remarks - general:
remarks - this release: .

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

3GPP specification status

Page 183

16 September 2004 20:16:18

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> .		

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

3GPP specification status

Page 184

16 September 2004 20:16:18

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	<i>current version:</i> 5.11.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LAUMEN, Josef	INFINEON TECHNOLOGIES
	<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-13	2001-10-05	5 . 0 . 0	get it	<i>remarks - general:</i> 2003-12-03: Note that this spec also contains stage 3.
TP-14	2002-01-11	5 . 1 . 0	get it	<i>remarks - this release:</i> 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available. 2004-01-12: (Rodermund) WAP Forum (now OMA)
TP-15	2002-03-29	5 . 2 . 0	get it	elements for MMS Rel-5 are ready.
TP-16	2002-07-05	5 . 3 . 0	get it	Schema delivered 2002-07-07 (uploaded 19) to http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0 .
TP-17	2002-09-30	5 . 4 . 0	get it	Schema v1.1 uploaded 2002-11-14.
TP-18	2002-12-20	5 . 5 . 0	get it	Schema v1.2 (REL-5-MM7-1-2.xsd) 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	get it	XML schema unchanged

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

Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HAGIWARA, Junichiro	NTT DoCoMo Inc.
	<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-16	2002-06-28	5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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

3GPP specification status

Page 185

16 September 2004 20:16:18

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	

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

3GPP specification status

Page 186

16 September 2004 20:16:18

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 *current version:* 5.4.0 *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: SP-20 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

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	
SP-25		5	. 4	. 0		

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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	

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

3GPP specification status

Page 187

16 September 2004 20:16:18

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: .

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

3GPP specification status

Page 188

16 September 2004 20:16:18

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

history (event, available, version, comments):

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

WG (prime / other): N1 / -
G: yes U: yes

rapporteur: DRAGE, Keith
MCC: JURISIC, Andrijana

Lucent Technologies Network Systems UK

[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.

3GPP specification status

Page 189

16 September 2004 20:16:18

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

TS 23.221 Architectural requirements

Rel-5 *current version:* 5.11.0

freeze_meeting: SP-15

WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK

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

history (event, available, version, comments):

SP-11	2001-04-06	5	.	0	.	0
SP-12	2001-07-02	5	.	1	.	0
SP-13	2001-10-12	5	.	2	.	0
SP-14	2002-01-07	5	.	3	.	0
SP-15	2002-04-05	5	.	4	.	0
SP-16	2002-06-18	5	.	5	.	0
SP-17	2002-10-02	5	.	6	.	0
SP-18	2003-01-10	5	.	7	.	0
SP-21	2003-10-01	5	.	8	.	0
SP-23	2004-04-01	5	.	9	.	0
SP-24	2004-06-23	5	.	10	.	0
SP-25		5	.	11	.	0

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

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

Rel-5 *current version:* 5.2.0

freeze_meeting: NP-15

WG (prime / other): S2 / - *rapporteur:* HELLSTROM, Gunnar Omnitron AB

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

history (event, available, version, comments):

SP-12		2	.	0	.	0	SP-010336
SP-12	2001-06-29	5	.	0	.	0	
SP-14	2002-01-07	5	.	1	.	0	
SP-15	2002-04-05	5	.	2	.	0	

[get it](#) *remarks - general:* 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.
[get it](#) *remarks - this release:* WI approved TSG#7

[get it](#)

[get it](#)

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

Rel-5 *current version:* 5.1.0

freeze_meeting: TP-15

WG (prime / other): T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson

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

history (event, available, version, comments):

TP-14	2002-01-11	5	.	0	.	0
TP-15	2002-03-26	5	.	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.

3GPP specification status

Page 191

16 September 2004 20:16:18

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:* 5.12.0 *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		
SP-25		5 . 12 . 0			

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

Rel-5 *current version:* 5.6.0 *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		
NP-25		5 . 6 . 0				

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

3GPP specification status

Page 192

16 September 2004 20:16:18

ACTIVE specs Rel-5 23 .- series
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			<i>G:</i> yes <i>U:</i> 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 absorbed into S5 specs (esp 32.225).
	S2-20	2001-11-20	0 . 2 . 0			get it			
	S2-21	2001-12-04	0 . 3 . 0			get it			
	SP-14	2002-01-11	1 . 0 . 0	SP-010718		get it			
	SP-15	2002-03-19	2 . 0 . 0	SP-020144		get it			
	SP-15	2002-04-05	5 . 0 . 0			get it			

TR 23.871	Enhanced support for user privacy in Location Services (LCS)								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S2 /		<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes		<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, 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			<i>G:</i> <i>U:</i> 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>	.

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

3GPP specification status

Page 193

16 September 2004 20:16:19

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 *current version:* 5.4.0

freeze_meeting: NP-15

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson

G: U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-14 2002-01-11 5 . 0 . 0

NP-17 2002-09-17 5 . 1 . 0

25: TSG CN proposing to convert to a TS.

NP-18 2003-01-06 5 . 2 . 0

NP-19 2003-03-27 5 . 3 . 0

NP-21 2003-10-01 5 . 4 . 0

[get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval). NP-
[get it](#) *remarks - this release:* NP-25: In view of the intention to replace by a TS, this TR will not be upgraded to Rel-6.

[get it](#)

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TR 23.981 Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations

Rel-5 *current version:* 5.0.0

freeze_meeting: SP-25

WG (prime / other): S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG

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

history (event, available, version, comments):

SP-25 5 . 0 . 0

remarks - general: SP-21: WI = SP-030385. 2004-04-08: Rapporteur indicates wish to convert 23.881 to
remarks - this release: 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 *current version:* 5.1.1

freeze_meeting: NP-15

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

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

history (event, available, version, comments):

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

NP-19 2003-03-24 5 . 1 . 0

correction of typo 2003-06-02 5 . 1 . 1
on cover page

[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.

3GPP specification status

Page 194

16 September 2004 20:16:19

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

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

3GPP specification status

Page 195

16 September 2004 20:16:19

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>	.				

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

3GPP specification status

Page 196

16 September 2004 20:16:19

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>			

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

3GPP specification status

Page 197

16 September 2004 20:16:19

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3GPP specification status

Page 198

16 September 2004 20:16:19

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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: U: yes</i>	<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.

3GPP specification status

Page 199

16 September 2004 20:16:19

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:* 5.10.0 *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	
NP-25		5	.	10	.	0		get it	

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

3GPP specification status

Page 200

16 September 2004 20:16:19

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:* 5.10.0 *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	
NP-25		5 . 10 . 0			

Rel-5

25 .- series

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

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

3GPP specification status

Page 201

16 September 2004 20:16:19

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:* 5.12.0 *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	get it	<i>remarks - general:</i>
RP-14	2002-01-14	5 . 1 . 0	get it	<i>remarks - this release:</i> .
RP-15	2002-03-29	5 . 2 . 0	get it	
RP-16	2002-07-01	5 . 3 . 0	get it	
RP-17	2002-10-04	5 . 4 . 0	get it	
RP-18	2003-01-10	5 . 5 . 0	get it	
RP-19	2003-04-04	5 . 6 . 0	get it	
RP-20	2003-06-27	5 . 7 . 0	get it	
RP-21	2003-10-10	5 . 8 . 0	get it	
RP-22	2004-01-23	5 . 9 . 0	get it	
RP-23	2004-04-01	5 . 10 . 0	get it	
RP-24	2004-06-24	5 . 11 . 0	get it	
RP-25		5 . 12 . 0		

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

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

history (event, available, version, comments):

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

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

3GPP specification status

Page 202

16 September 2004 20:16:20

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:* 5.9.0

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
RP-25		5	.	9	.	0

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

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

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

[get it](#)

[get it](#)

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[get it](#)

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:* .

[get it](#)

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

3GPP specification status

Page 203

16 September 2004 20:16:20

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 *current version:* 5.8.0
freeze_meeting: RP-15

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):

RP-15	2002-03-29	5	.	0	.	0
RP-16	2002-07-01	5	.	1	.	0
RP-17	2002-10-02	5	.	2	.	0
RP-18	2003-01-10	5	.	3	.	0
RP-19	2003-04-04	5	.	4	.	0
RP-20	2003-06-27	5	.	5	.	0
RP-21	2003-10-10	5	.	6	.	0
RP-22	2004-01-20	5	.	7	.	0
RP-24	2004-06-24	5	.	8	.	0

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

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.5.0
freeze_meeting: RP-15

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-15	2002-04-02	5	.	0	.	0
edito	2002-04-19	5	.	0	.	1
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	2004-01-23	5	.	5	.	0

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

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

3GPP specification status

Page 204

16 September 2004 20:16:20

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

history (event, available, version, 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	
RP-25		5 . 10 . 0		

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

Rel-5 *current version:* 5.12.0 *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	
RP-25		5 . 12 . 0		

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

3GPP specification status

Page 205

16 September 2004 20:16:20

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:* 5.9.0 *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	
	RP-25		5 . 9 . 0			

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.

3GPP specification status

Page 206

16 September 2004 20:16:20

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](#)

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:* 5.6.0

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
RP-25		5	.	6	.	0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

3GPP specification status

Page 207

16 September 2004 20:16:20

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](#)

[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](#)

[get it](#)

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

3GPP specification status

Page 208

16 September 2004 20:16:20

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 *current version:* 5.9.0
freeze_meeting: RP-15
history (event, available, version, comments):

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	

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

TS 25.215 Physical layer; Measurements (FDD)

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

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	

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

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

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

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	

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

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

3GPP specification status

Page 210

16 September 2004 20:16:20

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

TS 25.224	Physical layer procedures (TDD)					
Rel-5	<i>current version:</i> 5.8.0	<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				
	RP-25 5 . 8 . 0					
<hr/>						
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				
<hr/>						
TS 25.301	Radio Interface Protocol Architecture					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> EKEMARK, Sven	Telefon AB LM Ericsson		
	<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				
	RP-25 5 . 3 . 0					

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

3GPP specification status

Page 211

16 September 2004 20:16:21

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

TS 25.302 Services provided by the physical layer

Rel-5 *current version:* 5.7.0

freeze_meeting: RP-15

WG (prime / other): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)

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-17 2002-09-18 5 . 2 . 0
RP-18 2002-12-20 5 . 3 . 0
RP-19 2003-03-25 5 . 4 . 0
RP-20 2003-06-20 5 . 5 . 0
RP-21 2003-10-02 5 . 6 . 0
RP-22 2004-01-12 5 . 7 . 0

[get it](#)

remarks - general: V3.0.0 approved via e-mail July 99 CR at TSG#5?

[get it](#)

remarks - this release: .

[get it](#)

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[get it](#)

TS 25.303 Interlayer procedures in Connected Mode

Rel-5 *current version:* 5.1.0

freeze_meeting: RP-15

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center

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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: .

TS 25.304 User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode

Rel-5 *current version:* 5.6.0

freeze_meeting: RP-15

WG (prime / other): R2 / - *rapporteur:* BARRETO, Luis NOKIA Corporation

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 2003-01-08 5 . 2 . 0
RP-20 2003-06-25 5 . 3 . 0
RP-23 2004-03-24 5 . 4 . 0
RP-24 2004-06-17 5 . 5 . 0
RP-25 5 . 6 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: .

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

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

3GPP specification status

Page 212

16 September 2004 20:16:21

ACTIVE specs Rel-5 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

Rel-5 *current version:* 5.9.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-15 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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	

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:* 5.3.0 *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	
RP-25		5 . 3 . 0		

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

3GPP specification status

Page 213

16 September 2004 20:16:21

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

TS 25.308 UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2

Rel-5 *current version:* 5.6.0 *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	
RP-25		5	.	6	.	0		get it	

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	

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

3GPP specification status

Page 214

16 September 2004 20:16:21

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

TS 25.322 Radio Link Control (RLC) protocol specification

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

RP-15	2002-03-19	5	.	0	.	0	
RP-16	2002-06-17	5	.	1	.	0	get it <i>remarks - general:</i>
RP-17	2002-09-19	5	.	2	.	0	get it <i>remarks - this release: .</i>
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

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

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

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

RP-15	2002-03-19	5	.	0	.	0	
RP-16	2002-06-17	5	.	1	.	0	get it <i>remarks - general:</i>
RP-17	2002-09-18	5	.	2	.	0	get it <i>remarks - this release: .</i>

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

TS 25.324 Broadcast/Multicast Control (BMC)

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

RP-15	2002-03-19	5	.	0	.	0	
RP-16	2002-06-17	5	.	1	.	0	get it <i>remarks - general:</i>
RP-18	2003-01-13	5	.	2	.	0	get it <i>remarks - this release: .</i>
RP-19	2003-03-25	5	.	3	.	0	get it
RP-24	2004-06-17	5	.	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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 215

16 September 2004 20:16:21

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

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version:* 5.10.0

freeze_meeting: RP-15

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

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

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 5 . 8 . 0

[get it](#)

RP-24 2004-07-01 5 . 9 . 0

[get it](#)

RP-25 5 . 10 . 0

TS 25.401 UTRAN overall description

Rel-5 *current version:* 5.9.0

freeze_meeting: RP-15

WG (prime / other): R3 / - *rapporteur:* GODIN, Philippe NORTEL NETWORKS (EUROPE)

G: U: yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-12 2001-07-06 5 . 0 . 0

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

RP-13 2001-10-12 5 . 1 . 0

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

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](#)

RP-25 5 . 9 . 0

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

3GPP specification status

Page 216

16 September 2004 20:16:21

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

TS 25.402 Synchronisation in UTRAN Stage 2

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

RP-15	2002-04-02	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-20	2003-06-17	5	.	2	.	0
RP-22	2004-01-13	5	.	3	.	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: U: yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.410 UTRAN lu Interface: General Aspects and Principles

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

RP-15	2002-03-25	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-30	5	.	2	.	0
RP-18	2003-01-03	5	.	3	.	0
RP-24	2004-06-18	5	.	4	.	0

WG (prime / other): R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd
G: U: yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.411 UTRAN lu interface layer 1

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

RP-15	2002-03-25	5	.	0	.	0
RP-25		5	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
G: U: yes *MCC:* CALDENHOVEN, Juergen

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

TS 25.412 UTRAN lu interface signalling transport

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

RP-15	2002-03-25	5	.	0	.	0
RP-17	2002-09-30	5	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation
G: U: yes *MCC:* CALDENHOVEN, Juergen

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

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

3GPP specification status

Page 217

16 September 2004 20:16:21

ACTIVE specs Rel-5 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-5 *current version:* 5.10.0 *WG (prime / other):* R3 / - *rapporteur:* GUYOT, Olivier 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
RP-16	2002-07-05	5	.	1	.	0
RP-17	2002-10-11	5	.	2	.	0
RP-18	2003-01-03	5	.	3	.	0
RP-19	2003-03-26	5	.	4	.	0
RP-20	2003-06-17	5	.	5	.	0
RP-21	2003-09-30	5	.	6	.	0
RP-22	2004-01-13	5	.	7	.	0
RP-23	2004-04-01	5	.	8	.	0
RP-24	2004-06-21	5	.	9	.	0
RP-25		5	.	10	.	0

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-15	2002-04-02	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-30	5	.	2	.	0
RP-18	2003-01-03	5	.	3	.	0
RP-19	2003-03-26	5	.	4	.	0
RP-22	2004-01-13	5	.	5	.	0
RP-24	2004-06-18	5	.	6	.	0
RP-25		5	.	7	.	0

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.415 UTRAN Iu interface user plane protocols

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-15	2002-03-25	5	.	0	.	0
RP-16	2002-06-28	5	.	1	.	0
RP-17	2002-09-30	5	.	2	.	0
RP-18	2003-01-03	5	.	3	.	0
RP-25		5	.	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.

3GPP specification status

Page 218

16 September 2004 20:16:21

ACTIVE specs Rel-5 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)						
Rel-5	<i>current version:</i> 5.7.0	WG (prime / other):	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>						
	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				

TS 25.420	UTRAN Iur Interface: General Aspects and Principles						
Rel-5	<i>current version:</i> 5.2.0	WG (prime / other):	R3 / -	<i>rapporteur:</i>	PALAT, Sudeep	Lucent Technologies Network Systems UK	
	<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-17 2002-10-03	5 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-24 2004-06-18	5 . 2 . 0	get it				

TS 25.421	UTRAN Iur interface Layer 1						
Rel-5	<i>current version:</i> 5.0.0	WG (prime / other):	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>						
	TP-15 2002-03-25	5 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i>			

TS 25.422	UTRAN Iur interface signalling transport						
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R3 / -	<i>rapporteur:</i>	PALAT, Sudeep	Lucent Technologies Network Systems UK	
	<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-17 2002-10-03	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

Page 219

16 September 2004 20:16:22

ACTIVE specs Rel-5 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

Rel-5 *current version:* 5.11.0 *WG (prime / other):* R3 / - *rapporteur:* ERICSSON, Ingela Telefon AB LM Ericsson
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-15	2002-04-02	5 . 0 . 0		get it	<i>remarks - general:</i>
RP-16	2002-07-19	5 . 1 . 0	CRs needs PCG approval.	get it	<i>remarks - this release: .</i>
PCG post RP-16	2002-08-06	5 . 2 . 0	One CR endorsed by PCG	get it	
RP-17	2002-10-11	5 . 3 . 0		get it	
RP-18	2003-01-03	5 . 4 . 0		get it	
RP-19	2003-03-31	5 . 5 . 0		get it	
RP-20	2003-06-17	5 . 6 . 0		get it	
RP-21	2003-09-30	5 . 7 . 0		get it	
RP-22	2004-01-22	5 . 8 . 0		get it	
RP-23	2004-04-01	5 . 9 . 0		get it	
RP-24	2004-06-23	5 . 10 . 0		get it	
RP-25		5 . 11 . 0			

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, 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	

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

3GPP specification status

Page 220

16 September 2004 20:16:22

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, 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 Iur and Iub interface data transport & transport signalling for DCH data streams

Rel-5 *current version:* 5.6.0 *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
RP-25		5	.	6	.	0	

TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R3 / - *rapporteur:* HAKULI, Tuomas NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-15	2002-03-25	5	.	0	.	0	get it <i>remarks - general:</i>
RP-18	2003-01-03	5	.	1	.	0	get it <i>remarks - this release:</i> .
RP-21	2003-09-30	5	.	2	.	0	get it
RP-22	2004-01-13	5	.	3	.	0	get it

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

3GPP specification status

Page 221

16 September 2004 20:16:22

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

TS 25.430 UTRAN lub Interface: General Aspects and Principles

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

	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	
	RP-25		5	.	4	.	0			

TS 25.431 UTRAN lub interface Layer 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

	RP-15	2002-03-25	5	.	0	.	0		get it	<i>remarks - general:</i>
										<i>remarks - this release:</i> .

TS 25.432 UTRAN lub interface: signalling transport

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

	RP-15	2002-03-25	5	.	0	.	0		get it	<i>remarks - general:</i>
edito post	RP-15	2002-04-03	5	.	0	.	1		get it	<i>remarks - this release:</i> .
	RP-17	2002-10-03	5	.	1	.	0		get it	

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

3GPP specification status

Page 222

16 September 2004 20:16:22

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

TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 *current version:* 5.10.0

freeze_meeting: RP-15

WG (prime / other): R3 / -

G: U: yes

rapporteur:

MCC:

SEHEDIC, Yann

Nortel Networks Germany GmbH & Co. KG

history (event, available, version, comments):

RP-15 2002-04-04 5 . 0 . 0

2003-08-18: implementation error of CR609r1. Will be corrected RP-21.

[get it](#)

remarks - general:

remarks - this release: .

RP-16 2002-07-19 5 . 1 . 0

[get it](#)

RP-17 2002-10-11 5 . 2 . 0

[get it](#)

RP-18 2003-01-03 5 . 3 . 0

[get it](#)

RP-19 2003-03-31 5 . 4 . 0

[get it](#)

RP-20 2003-06-17 5 . 5 . 0

[get it](#)

RP-21 2003-10-02 5 . 6 . 0

[get it](#)

RP-22 2004-01-22 5 . 7 . 0

[get it](#)

RP-23 2004-04-01 5 . 8 . 0

[get it](#)

RP-24 2004-06-23 5 . 9 . 0

[get it](#)

RP-25 5 . 10 . 0

TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-5 *current version:* 5.4.0

freeze_meeting: RP-15

WG (prime / other): R3 / -

G: U: yes

rapporteur:

MCC:

LAVASANI, Shahab

TeliaSonera AB

history (event, available, version, comments):

RP-15 2002-04-02 5 . 0 . 0

[get it](#)

remarks - general:

remarks - this release: .

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

[get it](#)

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](#)

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

3GPP specification status

Page 223

16 September 2004 20:16:22

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

TS 25.435	UTRAN lub interface user plane protocols for CCH data streams								
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	STOJANOVSKI, Saso	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	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>				
	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 25.442	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>G:</i>	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>				
	edito post RP-15	5 . 0 . 1 (not supplied - use v5.0.0)			<i>remarks - this release:</i>				
	RP-17 2002-10-03	5 . 1 . 0		get it					

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>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-12	2 . 0 . 0	RP-010400		<i>remarks - general:</i>				
	RP-12 2001-07-05	5 . 0 . 0		get it	<i>remarks - this release:</i>				
	RP-14 2002-01-11	5 . 1 . 0		get it					

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>	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-12	2 . 0 . 0	RP-010400		<i>remarks - general:</i>				
	RP-12 2001-07-05	5 . 0 . 0		get it	<i>remarks - this release:</i>				
	correction to history table	2002-04-24	5 . 0 . 1	get it					

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

3GPP specification status

Page 224

16 September 2004 20:16:22

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

TS 25.452	UTRAN Iu-CS interface: signalling transport								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-13	2001-09-26	2 . 0 . 0	RP-010640	get it	<i>remarks - general:</i>			
	RP-13	2001-10-12	5 . 0 . 0		get it	<i>remarks - this release:</i>	.		

TS 25.453	UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling								
Rel-5	<i>current version:</i> 5.9.0		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> JOLLEY, Vincent	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> RP-15		G: U: yes		<i>MCC:</i> CALDENHOVEN, Juergen				
	<i>history (event, available, version, comments):</i>								
	RP-12		2 . 0 . 0	RP-010402		<i>remarks - general:</i>			
	RP-12	2001-07-05	5 . 0 . 0		get it	<i>remarks - this release:</i>	.		
	RP-13	2001-10-12	5 . 1 . 0		get it				
	RP-14	2002-01-11	5 . 2 . 0		get it				
	RP-15	2002-03-25	5 . 3 . 0		get it				
	RP-16	2002-06-28	5 . 4 . 0		get it				
	RP-19	2003-03-26	5 . 5 . 0		get it				
	RP-20	2003-06-17	5 . 6 . 0		get it				
	RP-21	2003-09-30	5 . 7 . 0		get it				
	RP-22	2004-01-13	5 . 8 . 0		get it				
	RP-23	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		G: U: yes		<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	get it	<i>remarks - general:</i>			
	RP-13	2001-10-01	1 . 0 . 0	RP-010647	get it	<i>remarks - this release:</i>			
	RP-14	2002-01-02	2 . 0 . 0	RP-010826	get it				
	RP-14	2002-01-11	5 . 0 . 0		get it				

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

3GPP specification status

Page 225

16 September 2004 20:16:22

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

TR 25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	R1 / -	<i>rapporteur:</i>	GHOSH, Amitabha	Motorola Inc.	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-14 2002-01-02	1 . 0 . 0					get it <i>remarks - general:</i>
	RP-15 2002-04-04	2 . 0 . 0					get it <i>remarks - this release:</i> .
	RP-15 2002-03-29	5 . 0 . 0					get it

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	G:	U: 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					get it
	RP-15 2002-03-19	2 . 0 . 0					get it
	RP-15 2002-03-19	2 . 0 . 1					get it
	RP-15 2002-03-19	5 . 0 . 0					get it

TR 25.860	Radio acces bearer support enhancements						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	MIKOLA, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>						
	RP-15 2002-03-19	1 . 0 . 0					get it <i>remarks - general:</i>
	RP-16 2002-06-25	2 . 0 . 0					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	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<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-15 2002-03-19	1 . 1 . 1					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.

3GPP specification status

Page 226

16 September 2004 20:16:22

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 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version, comments):

RP-12	2001-06-28	0	.	1	.	0	RP-010420	get it	<i>remarks - general:</i>
draft	2001-09-14	1	.	0	.	0	RP-010534	get it	<i>remarks - this release:</i> .
RP-14	2002-01-02	1	.	1	.	0	RP-010841	get it	
RP-15	2002-03-19	2	.	0	.	0	RP-020127	get it	
RP-15	2002-03-29	5	.	0	.	0		get it	

WG (prime / other): R1 / *rapporteur:* KIM, Jaeyoel Samsung Electronics Ind. Co., Ltd.
G: U: yes *MCC:* SASAKI, Tsukasa

TR 25.875 NAS node selector function

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

RP-11	2001-04-06	0	.	0	.	1		get it	<i>remarks - general:</i>
RP-14	2002-01-02	1	.	0	.	0	RP-010881	get it	<i>remarks - this release:</i>
RP-15	2002-03-19	2	.	0	.	0	RP-020153	get it	
RP-15	2002-03-25	5	.	0	.	0		get it	

WG (prime / other): R3 / *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
G: U: yes *MCC:* CALDENHOVEN, Juergen

TR 25.877 High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects

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

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	R3-020891 = RP-020157	get it	
RP-15	2002-02-28	2	.	0	.	0	R3-020892 = RP-020158	get it	
RP-15	2002-03-25	5	.	0	.	0		get it	
RP-16	2002-06-28	5	.	1	.	0		get it	

WG (prime / other): R3 / *rapporteur:* DIESEN, Michael MOTOROLA Ltd
G: U: yes *MCC:* CALDENHOVEN, Juergen

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

3GPP specification status

Page 228

16 September 2004 20:16:22

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 *current version:* 5.0.0

freeze_meeting: RP-15

WG (prime / other): R3 / *rapporteur:* HAUTALA, Jari NOKIA Corporation

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

draft		0	.	0	.	1	
R3-21		0	.	0	.	2	
R3-21		0	.	1	.	0	RP-010609
R3-23		0	.	1	.	1	
R3-24		0	.	2	.	0	
draft		0	.	2	.	1	
R3-25		0	.	3	.	0	
draft	2002-01-11	0	.	3	.	0	
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
RP-15	2002-03-19	2	.	0	.	0	RP-020146
RP-15	2002-03-25	5	.	0	.	0	

remarks - general: 2003-01: title changed from "Traffic termination point swapping" some time ago.

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-5 *current version:* 5.0.0

freeze_meeting: RP-15

WG (prime / other): R3 / *rapporteur:* HWANG, Woonhee NOKIA Corporation

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

R3-23		0	.	2	.	0	Status report in RP-010611
draft		0	.	4	.	0	
draft		0	.	4	.	1	04/12/2001
RP-14	2002-01-02	1	.	0	.	0	RP-010922
RP-14	2002-01-02	2	.	0	.	0	RP-010923
RP-14	2002-01-09	5	.	0	.	0	

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.

3GPP specification status

Page 229

16 September 2004 20:16:23

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 *current version:* 5.0.0

freeze_meeting: RP-15

history (event, available, version, comments):

RP-13	2001-10-01	1	.	0	.	0	RP-010645
RP-14	2002-01-02	1	.	1	.	0	RP-010810
RP-16	2002-06-25	2	.	0	.	0	RP-020353
RP-16	2002-07-03	5	.	0	.	0	

WG (prime / other): R4 / *rapporteur:* MEYER, Juergen SIEMENS AG

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

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

TR 25.883 Direct Transport Bearers Between SRNC and Node-B

Rel-5 *current version:* 5.0.0

freeze_meeting: RP-16

history (event, available, version, comments):

draft	2001-12-03	0	.	2	.	0	
RP-16	2002-06-25	1	.	0	.	0	RP-020392
RP-16	2002-06-25	2	.	0	.	0	RP-020393
RP-16	2002-06-25	2	.	0	.	1	RP-020452
RP-16	2002-06-28	5	.	0	.	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:* .
[get it](#)
[get it](#)

TR 25.884 Iur Neighbouring cell reporting efficiency optimisation

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-16

history (event, available, version, comments):

referred to at RP-13 2002-01-11 0 . 1 . 0 Status report in RP-010606

RP-15	2002-03-19	1	.	0	.	0	RP-020152
RP-15	2002-03-19	2	.	0	.	0	RP-020153
RP-15	2002-04-02	5	.	0	.	0	

WG (prime / other): R3 / *rapporteur:* VOLTOLINA, Elena Eva Telefon AB LM Ericsson

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:* Previous rapporteur: Shahrokh Amirijoo.
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

3GPP specification status

Page 230

16 September 2004 20:16:23

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					

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					

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> .				

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 231

16 September 2004 20:16:23

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	<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>	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	<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>	
	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	<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>	
	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	<i>G:</i> U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
	<i>history (event, available, version, comments):</i>				
	RP-12 2 . 0 . 0			<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		
	RP-010457				

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

3GPP specification status

Page 232

16 September 2004 20:16:23

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

WG (prime / other): R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA S.A.
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

TR 25.991 Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version, comments):
RP-14 2002-01-02 1 . 0 . 0 RP-010892
RP-15 2002-03-19 2 . 0 . 0 RP-020121
RP-15 2002-04-02 5 . 0 . 0
RP-18 2003-01-10 5 . 1 . 0

WG (prime / other): R4 / *rapporteur:* MOSHAVI, Shimon INTEL CORPORATION SARL
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

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

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version, comments):
RP-18 2003-01-13 5 . 0 . 0 Back creation from Rel-6 version
RP-22 2004-01-12 5 . 1 . 0

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

[get it](#) *remarks - general:* .
[get it](#) *remarks - this release:* Pointer to latest release version.

TR 25.994 Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults

Rel-5 *current version:* 0.0.0 DRAFT
freeze_meeting: SP-15
history (event, available, version, comments):
RP-18 2003-01-06 0 . 0 . 0 RP-020880

WG (prime / other): R2 / R1, *rapporteur:* COURAU, François ALCATEL S.A.
R3,
R4

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

[get it](#) *remarks - general:* RP-20: Primary responsibility moved from RP to R2.
remarks - this release: .

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

3GPP specification status

Page 233

16 September 2004 20:16:23

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 [get it](#) *remarks - general:*
SP-19 2003-04-04 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-21 2003-10-02 5 . 2 . 0 [get it](#) Note missing C-code line in CR which
created this version has been corrected
by WG Secretary.
SP-23 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 234

16 September 2004 20:16:23

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	get it	<i>remarks - this release:</i>		No SDO publication necessary 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.

3GPP specification status

Page 235

16 September 2004 20:16:23

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 Iu 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> 5.5.0	<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		
	SP-25 5 . 5 . 0					

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

3GPP specification status

Page 236

16 September 2004 20:16:23

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.

3GPP specification status

Page 237

16 September 2004 20:16:23

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 238

16 September 2004 20:16:23

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 *current version:* 5.8.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

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	get it		Includes C-code!
SP-21	2003-10-01	5 . 8 . 0	get it		

TS 26.174 AMR speech codec, wideband; Test sequences

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

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 sequences	2001-11-12	5 . 1 . 1	get it		
SP-14	2002-01-09	5 . 2 . 0	get it		
SP-15	2002-03-28	5 . 3 . 0	get it		
SP-18	2003-01-03	5 . 4 . 0	get it		

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

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

history (event, available, version, comments):

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.

3GPP specification status

Page 239

16 September 2004 20:16:24

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

TS 26.192 Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT,
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-11 2001-04-10 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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

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

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

3GPP specification status

Page 240

16 September 2004 20:16:24

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 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

draft		1	.	0	.	0	
SP-11	2001-08-02	2	.	0	.	0	SP-010091
SP-11	2001-04-10	5	.	0	.	0	
SP-17	2002-09-24	5	.	1	.	0	

remarks - general:
remarks - this release:

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TS 26.204 ANSI-C code for the floating-point Adaptive Multi-Rate - Wideband (AMR-W) speech codec

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-14	2002-01-02	1	.	0	.	0	SP-010693
SP-15	2002-03-19	2	.	0	.	0	SP-020073
SP-15	2002-03-28	5	.	0	.	0	
SP-19	2003-04-04	5	.	1	.	0	
SP-21	2003-10-01	5	.	2	.	0	

remarks - general:
remarks - this release: .

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[get it](#)

TS 26.226 Cellular text telephone modem; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-11	2001-04-10	5	.	0	.	0	
-------	------------	---	---	---	---	---	--

remarks - general: SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text
remarks - this release: 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 *current version:* 5.0.2 *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-11	2001-04-10	5	.	0	.	0	
correct c-code	2001-05-29	5	.	0	.	1	
remove copyright from C-code source files	2004-07-27	5	.	0	.	2	

remarks - general: SP-16: in "GERAN" set. 2004-06-27: title in database chaged from "Global text
remarks - this release: TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4 telephony (GTT); Cellular text telephone modem reflect document

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

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

3GPP specification status

Page 241

16 September 2004 20:16:24

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	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-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.

3GPP specification status

Page 242

16 September 2004 20:16:24

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	<i>G:</i>		<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	<i>G:</i>	yes	<i>U:</i>	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	<i>G:</i>		<i>U:</i>	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: still under revision, anticipated for approval at SP-20.			
	draft 2003-04-04	1 . 4 . 0		get it					
	S4-26 2003-06-17	1 . 5 . 0	S4-030369	get it					
	SP-21 2003-09-29	2 . 0 . 0	SP-030443	get it					
	SP-21 2003-10-08	5 . 0 . 0		get it					

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	<i>G:</i>	yes	<i>U:</i>	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.

3GPP specification status

Page 243

16 September 2004 20:16:24

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	<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		<i>remarks - general:</i>
NP-15	2002-03-20	5 . 1 . 0		<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		<i>remarks - general:</i>
				<i>remarks - this release:</i> .

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

3GPP specification status

Page 244

16 September 2004 20:16:24

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.

3GPP specification status

Page 245

16 September 2004 20:16:24

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](#) *remarks - general:* GPRS
NP-16 2002-06-24 5 . 1 . 0 [get it](#) *remarks - this release:* .
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](#) *remarks - general:*
remarks - this release: .

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

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.

3GPP specification status

Page 246

16 September 2004 20:16:24

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 247

16 September 2004 20:16:24

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 *current version:* 5.10.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-14	2002-01-11	5	.	0	.	0
NP-15	2002-03-20	5	.	1	.	0
NP-16	2002-06-28	5	.	2	.	0
NP-17	2002-09-17	5	.	3	.	0
NP-18	2003-01-09	5	.	4	.	0
NP-19	2003-03-27	5	.	5	.	0
NP-20	2003-06-23	5	.	6	.	0
NP-21	2003-10-01	5	.	7	.	0
NP-22	2004-01-22	5	.	8	.	0
NP-23	2004-03-22	5	.	9	.	0
NP-24	2004-06-18	5	.	10	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
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TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Rel-5 *current version:* Procedures and the Mobile Application Part (MAP) 5.7.0WG (*prime / other:*) N4 / - *rapporteur:* KYMALAINEN, Kimmo
TeliaSonera AB

freeze_meeting: NP-15

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

history (event, available, version, comments):

NP-16	2002-06-21	5	.	0	.	0
NP-17	2002-09-18	5	.	1	.	0
NP-18	2003-01-07	5	.	2	.	0
NP-20	2003-06-27	5	.	3	.	0
Implemented CR	2003-07-04	5	.	3	.	1

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

29.010-090 removed

NP-21	2003-10-09	5	.	4	.	0
NP-22	2004-01-12	5	.	5	.	0
NP-23	2004-03-23	5	.	6	.	0
NP-25		5	.	7	.	0

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

TS 29.011 Signalling Interworking for Supplementary Services

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	2002-06-25	5	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release: .

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

3GPP specification status

Page 248

16 September 2004 20:16:25

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>			get it	<i>remarks - general:</i> Transfer>TSG#4
	NP-16 2002-06-25 5 . 0 . 0				<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>			get it	<i>remarks - general:</i>
	NP-16 2002-06-26 5 . 0 . 0				<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>			get it	<i>remarks - general:</i>
	NP-14 2002-01-04 5 . 0 . 0			get it	<i>remarks - this release:</i> .
	NP-15 2002-03-19 5 . 1 . 0			get it	
	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.

3GPP specification status

Page 249

16 September 2004 20:16:25

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 *current version:* 5.11.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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	
NP-25		5 . 11 . 0		

TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN)

Rel-5 *current version:* 5.9.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-17 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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"				yet. So change freeze date from March 2002 to Sept 2002.
				frozen; withdraw SDO publications?

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.

3GPP specification status

Page 250

16 September 2004 20:16:25

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> 5.9.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> 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	
	NP-25		5 . 9 . 0		

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	<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> 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	<i>G:</i> <i>U:</i> 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> New after TSG#5
					<i>remarks - this release:</i> .

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

3GPP specification status

Page 251

16 September 2004 20:16:25

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

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

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

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

Rel-5 *current version:* 5.7.0 *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](#) *remarks - general:*
NP-17 2002-10-01 5 . 1 . 0 [get it](#) *remarks - this release:* .
N5-22 2003-04-04 5 . 1 . 1 (Introduction, Reference Titles) [get it](#)
NP-20 2003-06-18 5 . 2 . 0 [get it](#)
NP-21 2003-09-30 5 . 3 . 0 [get it](#)
NP-22 2004-02-02 5 . 4 . 0 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](#)
NP-25 5 . 7 . 0

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

3GPP specification status

Page 252

16 September 2004 20:16:25

ACTIVE specs Rel-5 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-5 *current version:* 5.8.0 *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	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	
NP-25		5 . 8 . 0		

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

Rel-5 *current version:* 5.8.0 *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	
NP-25		5 . 8 . 0		

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

3GPP specification status

Page 253

16 September 2004 20:16:25

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

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:* 5.7.0 *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-23b	2004-04-19	5 . 5 . 0	get it	
NP-24	2004-08-04	5 . 6 . 0	get it	
NP-25		5 . 7 . 0		

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:* 5.8.0 *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	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	
NP-25		5 . 8 . 0		

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

3GPP specification status

Page 254

16 September 2004 20:16:25

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

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:* 5.8.0 *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	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	
NP-25		5 . 8 . 0		

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:* 5.8.0 *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	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	
NP-25		5 . 8 . 0		

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

3GPP specification status

Page 255

16 September 2004 20:16:25

ACTIVE specs Rel-5 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-5 *current version:* 5.8.0 *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-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	
NP-25		5 . 8 . 0		

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

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-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	
NP-25		5 . 6 . 0		

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

3GPP specification status

Page 256

16 September 2004 20:16:25

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

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

Rel-5 *current version:* 5.7.0 *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-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
NP-25		5	.	7	.	0	

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

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> .
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
NP-25		5	.	7	.	0	

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

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	2002-07-05	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
NP-25		5	.	6	.	0	

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

3GPP specification status

Page 257

16 September 2004 20:16:26

ACTIVE specs Rel-5 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-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-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	
NP-25		5 . 7 . 0		

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

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	2002-01-29	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		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 . 4 . 0		get it	
NP-24	2004-08-04	5 . 5 . 0		get it	
NP-25		5 . 6 . 0			

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

3GPP specification status

Page 258

16 September 2004 20:16:26

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

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

Rel-5 *current version:* 5.7.0 *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):

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	
NP-25		5	.	7	.	0			

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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	

TS 29.205 Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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> .

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

3GPP specification status

Page 259

16 September 2004 20:16:26

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

TS 29.207 Policy control over Go interface

Rel-5 *current version:* 5.9.0

freeze_meeting: NP-16

WG (prime / other): N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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	NP-020078	get it	
draft	2002-04-18	1 . 1 . 0		get it	
NP-16	2002-06-26	2 . 0 . 0	NP-020167 (RFC ref needs cleaning up)	get it	
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	
NP-25		5 . 9 . 0		get it	

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

3GPP specification status

Page 260

16 September 2004 20:16:26

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.

3GPP specification status

Page 261

16 September 2004 20:16:26

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: 5.9.0* WG (prime / other): N4 / *rapporteur:* PALLARES LÓPEZ, Telefon AB LM Ericsson
freeze_meeting: NP-16

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version, 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	
NP-25		5 . 9 . 0			

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

3GPP specification status

Page 262

16 September 2004 20:16:26

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:* 5.8.0 *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):

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		
NP-25		5	.	8	.	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:* 5.8.0 *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		
NP-25		5	.	8	.	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.

3GPP specification status

Page 263

16 September 2004 20:16:26

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> 5.3.0
	<i>freeze_meeting:</i> NP-18
	<i>WG (prime / other):</i> N4 / -
	<i>rapporteur:</i> REMOQUILLO, Angelica Lucent Technologies
	<i>G:</i> yes <i>U:</i> yes
	<i>MCC:</i> KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i>
	N2-25 0 . 1 . 0
	NP-17 2002-09-24 2 . 0 . 0 NP-020349 get it <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.	<i>remarks - this release:</i> TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4. txferrd 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
	NP-25 5 . 3 . 0

TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents
Rel-5	<i>current version:</i> 5.7.0
	<i>freeze_meeting:</i> NP-16
	<i>WG (prime / other):</i> N4 / -
	<i>rapporteur:</i> BERRY, Nigel. H Lucent Technologies Network Systems UK
	<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 . 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.

3GPP specification status

Page 264

16 September 2004 20:16:26

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 *current version:* 5.7.0

freeze_meeting: NP-16

WG (prime / other): N4 / - *rapporteur:* BERRY, Nigel. H Lucent Technologies Network Systems UK
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16	2002-06-26	2	.	0	.	1	NP-020266	
NP-16	2002-06-25	5	.	0	.	0		
NP-17	2002-09-17	5	.	1	.	0		
NP-18	2003-01-07	5	.	2	.	0		
NP-19	2003-04-07	5	.	3	.	0		
NP-20	2003-06-27	5	.	4	.	0		
NP-22	2004-01-12	5	.	4	.	1	updates application IDs for Cx/Sh allocated by IANA	
NP-23	2004-03-24	5	.	5	.	0		
NP-24	2004-06-15	5	.	6	.	0		
NP-25		5	.	7	.	0		

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-15

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

history (event, available, version, comments):

NP-15	2002-03-20	5	.	0	.	0		
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[get it](#) *remarks - general:*
remarks - this release: .

TS 29.415 Core network Nb interface user plane protocols

Rel-5 *current version:* 5.1.0

freeze_meeting: NP-15

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

history (event, available, version, comments):

NP-15	2002-03-20	5	.	0	.	0		
NP-19	2003-03-27	5	.	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.

3GPP specification status

Page 265

16 September 2004 20:16:26

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	current version: 5.0.0	WG (prime / other):	N4 /	rapporteur:	YOUNG, Michael	MOTOROLA Ltd			
	freeze_meeting: NP-15	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version, comments):								
		0 . 0 . 1	2001-03				remarks - general:	Supersedes 29.203.	
	NP-12 2001-07-04	0 . 1 . 0	NP-010361	get it			remarks - this release:	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	current version: 5.1.0	WG (prime / other):	N1 / RP	rapporteur:	ANDERSEN, Niels Peter	MOTOROLA A/S			
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	Skov				
	history (event, available, version, comments):								
	NP-16 2002-06-26	5 . 0 . 0		get it			remarks - general:	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			remarks - this release:	. Release version.	
	NP-25	5 . 1 . 0							

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	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:	.	

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	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:	.	

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

3GPP specification status

Page 266

16 September 2004 20:16:27

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> .
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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> .
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TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* 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> .
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 267

16 September 2004 20:16:27

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:* 1.0.1 DRAFT *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):
T3-33 1 . 0 . 0 *remarks - general:* Test spec for 23.048.
TP-25 1 . 0 . 1 TP-040191 *remarks - this release:*

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

3GPP specification status

Page 268

16 September 2004 20:16:27

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:* 5.10.0 *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
TP-25 5 . 10 . 0

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

TS 31.103 Characteristics of the IP Multimedia Services Identity Module (ISIM) application

Rel-5 *current version:* 5.7.0 *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
TP-25 5 . 7 . 0

[get it](#) *remarks - general:* 2004-05-07:additional rapporteur: Peter Vestergaad.
[get it](#) *remarks - this release:* .

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

3GPP specification status

Page 269

16 September 2004 20:16:27

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> 5.7.0	<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> TP-15								
		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	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						
	TP-25	5 . 7 . 0							
<hr/>									
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>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	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-010207					
	TP-14 2002-01-14	5 . 1 . 0	get it						
	TP-16 2002-06-19	5 . 2 . 0	get it						
<hr/>									
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>G:</i>	<i>U:</i> yes	<i>MCC:</i>	JURISIC, Andrijana				
	<i>history (event, available, version, comments):</i>								
	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-010208					
	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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 270

16 September 2004 20:16:27

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:* 5.5.0 *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	
TP-25		5	.	5	.	0			

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.

3GPP specification status

Page 271

16 September 2004 20:16:27

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](#) *remarks - general:*
SP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 2003-01-06 5 . 2 . 0 [get it](#)
SP-19 2003-03-31 5 . 3 . 0 [get it](#)
SP-20 2003-06-18 5 . 4 . 0 [get it](#)
SP-21 2003-10-02 5 . 5 . 0 [get it](#)

TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy TeliaSonera AB
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-15 2002-03-26 5 . 0 . 0 [get it](#) *remarks - general:*
SP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 2003-01-06 5 . 2 . 0 [get it](#)
SP-19 2003-03-31 5 . 3 . 0 [get it](#)
SP-21 2003-10-03 5 . 4 . 0 [get it](#)
SP-22 2004-01-05 5 . 5 . 0 [get it](#)
post SP-22 edito 2004-01-13 5 . 5 . 1 [get it](#)
SP-23 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](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 2002-09-18 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito (layout and 2003-01-07 5 . 1 . 1 [get it](#)
references)

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

3GPP specification status

Page 272

16 September 2004 20:16:27

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 / - *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	2002-09-20	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 / - *rapporteur:* 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:* 5.8.0 *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):

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
SP-25		5	.	8	.	0	

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

3GPP specification status

Page 273

16 September 2004 20:16:27

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

TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-5 *current version:* 5.8.0 *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
SP-25		5	.	8	.	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 access; U = required in systems with UMTS access.

3GPP specification status

Page 274

16 September 2004 20:16:27

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

TS 32.215 Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain

Rel-5 *current version:* 5.7.0 *WG (prime / other):* S5 / *rapporteur:* ALEXANDER, Benni NOKIA Corporation

freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-15	2002-03-27	5 . 0 . 0	get it	<i>remarks - general:</i>
SP-16	2002-06-20	5 . 1 . 0	get it	<i>remarks - this release:</i> .
SP-18	2003-01-09	5 . 2 . 0	get it	
SP-19	2003-04-02	5 . 3 . 0	get it	
SP-20	2003-06-09	5 . 4 . 0	get it	
SP-22	2004-01-05	5 . 5 . 0	get it	
SP-24	2004-06-17	5 . 6 . 0	get it	
SP-25		5 . 7 . 0		

TS 32.225 Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S5 / *rapporteur:* TEPPO, Patrik NANJING ERICSSON PANDA COMMUNICATIONS LTD

freeze_meeting: SP-17 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	

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

3GPP specification status

Page 275

16 September 2004 20:16:28

ACTIVE specs Rel-5 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-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	<i>MCC:</i> 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	<i>MCC:</i> 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> .			

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> .			

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				

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3GPP specification status

Page 276

16 September 2004 20:16:28

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

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				

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			

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				

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				

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

3GPP specification status

Page 277

16 September 2004 20:16:28

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

TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP): Requirements

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	

TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP): Information Service (IS)

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	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	

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	

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

3GPP specification status

Page 278

16 September 2004 20:16:28

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

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

Rel-5 *current version:* 5.4.0 *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	
SP-25		5 . 4 . 0		

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

Rel-5 *current version:* 5.8.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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)
SP-17	2002-09-19	5 . 1 . 0	get it	<i>remarks - this release:</i> .
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	
SP-25		5 . 8 . 0		

TS 32.600 Telecommunication management; Configuration Management (CM); Concept and high-level requirements

Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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	get it	<i>remarks - this release:</i> . Title aligned with the 3GPP Database

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

3GPP specification status

Page 279

16 September 2004 20:16:28

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

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	G: yes U: 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	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	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 32.601-2			
	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					
<hr/>									
TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-17	2002-09-27	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.601-3			
	SP-19	2003-03-31	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	SP-20	2003-06-27	5 . 2 . 0	get it					
	SP-25		5 . 3 . 0						
<hr/>									
TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) Solution Set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> 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	2003-01-08	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.601-4			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-16	G: 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 32.602-1			
	SP-17	2002-09-27	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			

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

3GPP specification status

Page 280

16 September 2004 20:16:28

ACTIVE specs Rel-5 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-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17	G: 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 32.602-2
	SP-18	2003-01-07	5 . 1 . 0	get it	<i>remarks - this release:</i> .
	edito	2003-03-31	5 . 1 . 1	get it	
	SP-22	2004-01-13	5 . 2 . 0	get it	
	SP-23	2004-03-24	5 . 3 . 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-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17	G: 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 32.602-3
	SP-19	2003-03-31	5 . 1 . 0	get it	<i>remarks - this release:</i> .

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> .

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		

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

3GPP specification status

Page 281

16 September 2004 20:16:28

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

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>rporteur:</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> .

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> 5.5.0	<i>WG (prime / other):</i> S5 / -	<i>rporteur:</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
	SP-25		5 . 5 . 0	

TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP); Common Object Request Broker Architecture				
Rel-5	<i>current version:</i> (CORBA) Solution Set (SS)	5.4.0	<i>WG (prime / other):</i> S5	/-	<i>rporteur:</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 32.620-3	
	SP-19	2003-04-01	5 . 1 . 0	get it <i>remarks - this release:</i> .	
	SP-23	2004-03-24	5 . 2 . 0	get it	
	SP-24	2004-06-15	5 . 3 . 0	get it	
	SP-25		5 . 4 . 0		

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

3GPP specification status

Page 282

16 September 2004 20:16:28

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

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)* 5.4.0 *WG (prime / other):* S5 /- *rporteur:* POLLAKOWSKI, Olaf
SIEMENS AG

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* 5.3.0 *WG (prime / other):* S5 / *rporteur:* TOCHE, Christian NORTEL
NETWORKS (EUROPE)

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](#)

TS 32.631 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Requirements
Rel-5 *current version: 5.0.0* *WG (prime / other):* S5 /- *rporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-16 G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-16 2002-06-28 5 . 0 . 0 [get it](#) *remarks - general:* was 32.621-1
remarks - this release: .

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

3GPP specification status

Page 283

16 September 2004 20:16:28

ACTIVE specs Rel-5 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-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, 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						
	SP-25	5 . 6 . 0							

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	5.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> PAL, Tapinder	T-			
MOBILE DEUTSCHLAND									
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, 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> .					
	SP-25	5 . 2 . 0							

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	5.3.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> POLLAKOWSKI, Olaf				
SIEMENS AG									
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, 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						
	SP-25	5 . 3 . 0							

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

3GPP specification status

Page 285

16 September 2004 20:16:29

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	<i>current version: (CORBA) Solution Set (SS)</i>	5.4.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	RAYMER, David	
	Motorola Inc.							
	<i>freeze_meeting:</i> SP-17		<i>G:</i>	<i>U: yes</i>	<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 32.622-3		
	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-24 2004-06-17 5 . 3 . 0			get it				
	SP-25 5 . 4 . 0							

TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Common Management Information Protocol							
Rel-5	<i>current version: (CMIP) Solution Set (SS)</i>	5.6.0	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	POLLAKOWSKI, Olaf	
	SIEMENS AG							
	<i>freeze_meeting:</i> SP-17		<i>G:</i>	<i>U: yes</i>	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>							
	SP-18 2003-01-08 5 . 0 . 0			get it	<i>remarks - general:</i>	was 32.622-4		
	SP-20 2003-06-26 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-23 2004-03-24 5 . 4 . 0			get it				
	SP-24 2004-06-17 5 . 5 . 0			get it				
	SP-25 5 . 6 . 0							

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

3GPP specification status

Page 286

16 September 2004 20:16:29

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

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* 5.6.0 *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 SP-020298 pars [get it](#) *remarks - general:*
SP-17 2002-09-16 2 . 0 . 0 SP-020462 [get it](#) *remarks - this release:* .
SP-17 2002-09-18 5 . 0 . 0 [get it](#)
SP-20 2003-06-27 5 . 1 . 0 [get it](#)
SP-21 2003-10-01 5 . 2 . 0 [get it](#)
Adds XML file with 2003-10-17 5 . 2 . 1 [get it](#)
reference from
document
SP-22 2004-01-14 5 . 3 . 0 [get it](#)
SP-23 2004-03-24 5 . 4 . 0 [get it](#)
SP-24 2004-06-17 5 . 5 . 0 [get it](#)
SP-25 5 . 6 . 0

TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Requirements
Rel-5 *current version: 5.0.0* *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-17 *G:* yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):
SP-17 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:* was 32.623-1
remarks - this release: .

TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5 *current version: 5.3.0* *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB
freeze_meeting: SP-17 *G:* yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):
SP-17 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:* was 32.623-2
edito post SP-18 2003-01-09 5 . 0 . 1 [get it](#) *remarks - this release:* .
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](#)

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

3GPP specification status

Page 287

16 September 2004 20:16:29

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

TS 32.653	Telecommunication management; Configuration Management (CM); GERAN 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: yes	U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):							
	SP-17 2002-10-08	5 . 0 . 0			get it	remarks - general:	was 32.623-3	
edito post	SP-18 2003-01-09	5 . 0 . 1			get it	remarks - this release:	.	
	SP-20 2003-06-27	5 . 1 . 0			get it			
	SP-21 2003-10-01	5 . 2 . 0			get it			
	SP-25	5 . 3 . 0						
TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Common Management Information Protocol							
Rel-5	current version: (CMIP) Solution Set (SS)	5.4.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	
	SIEMENS AG							
	freeze_meeting: SP-17		G: yes	U:		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):							
	SP-18 2003-01-08	5 . 0 . 0			get it	remarks - general:	was 32.623-4	
	SP-20 2003-06-27	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-24 2004-06-17	5 . 4 . 0			get it			
TS 32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file							
Rel-5	current version: format definition	5.6.0	WG (prime / other):	S5	/	rapporteur:	TOCHE, Christian NORTEL	
	NETWORKS (EUROPE)							
	freeze_meeting: SP-16		G: yes	U: yes		MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):							
	SP-16 2002-06-17	1 . 0 . 0			get it	remarks - general:		
	SP-17 2002-09-16	2 . 0 . 0			get it	remarks - this release:		
	SP-17 2002-09-18	5 . 0 . 0			get it			
	SP-20 2003-06-27	5 . 1 . 0			get it			
	SP-21 2003-10-01	5 . 2 . 0			get it			
Adds XML file with	2003-10-17	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			get it			
	SP-25	5 . 6 . 0						
							no schema file	

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

3GPP specification status

Page 288

16 September 2004 20:16:29

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

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	get it	<i>remarks - this release:</i>	
	SP-17 2002-09-16	2 . 0 . 0	get it		SP-020034 pars
	SP-17 2002-09-18	5 . 0 . 0	get it		SP-020464
	SP-18 2003-01-07	5 . 1 . 0	get it		

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	get it	<i>remarks - this release:</i>	
	SP-17 2002-09-16	2 . 0 . 0	get it		SP-020034 pars
	SP-17 2002-09-18	5 . 0 . 0	get it		SP-020465
	SP-22 2004-01-13	5 . 1 . 0	get it		
	SP-23 2004-03-24	5 . 2 . 0	get it		

TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) Solution				
Rel-5	<i>current version:</i> 5.3.0	<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 2002-09-16	1 . 0 . 0	get it	<i>remarks - general:</i>	
	SP-17 2002-09-18	5 . 0 . 0	get it	<i>remarks - this release:</i>	SP-15: will not exist in Rel-5. SP-17 Oh yes it will!
	SP-19 2003-04-03	5 . 1 . 0	get it		
	SP-24 2004-06-15	5 . 2 . 0	get it		
	SP-25	5 . 3 . 0			

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

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

3GPP specification status

Page 289

16 September 2004 20:16:29

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

TS 32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements									
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> 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 . 2		get it		<i>remarks - general:</i>			
	SP-16	2002-06-17	1 . 0 . 0	SP-020329			<i>remarks - this release:</i>	.		
	SP-17	2002-07-19	2 . 0 . 0	SP-020468		get it				
	SP-17	2002-09-18	5 . 0 . 0			get it				

TS 32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)									
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-15		G: yes U: yes		<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>									
	draft	2002-07-19	0 . 0 . 0		get it		<i>remarks - general:</i>			
	draft	2002-01-17	0 . 1 . 1		get it		<i>remarks - this release:</i>	.		
	SP-16	2002-06-17	1 . 0 . 0	SP-020329		get it				
	SP-17	2002-09-16	2 . 0 . 0	SP-020469		get it				
	SP-17	2002-09-18	5 . 0 . 0			get it				

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)	5.2.0		<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				
	SP-25		5 . 2 . 0							

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

3GPP specification status

Page 290

16 September 2004 20:16:29

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

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>	

TR 32.800	Telecommunication management; Management level procedures and interaction with UTRAN						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	S5 /	<i>rapporteur:</i>	BODEN, Bert	Vodafone D2 GmbH
	<i>freeze_meeting:</i> SP-15		G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>						
	SP-15 2002-03-26	5 . 0 . 0		get it		<i>remarks - general:</i>	
						<i>remarks - this release:</i>	

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

3GPP specification status

Page 291

16 September 2004 20:16:29

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

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	<i>remarks - general:</i>
SP-14	2002-01-02	1	.	0	.	0	SP-010652 (also TP-010283)	get it	<i>remarks - this release:</i> 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:* 5.5.0 *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	<i>remarks - general:</i>
SP-18	2002-12-18	5	.	1	.	0		get it	<i>remarks - this release:</i> .
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	
SP-25		5	.	5	.	0			

TS 33.105 Cryptographic algorithm requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* CHIKAZAWA, Takeshi Mitsubishi Electric Corporation

freeze_meeting: SP-24 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-24	2004-06-15	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.

3GPP specification status

Page 292

16 September 2004 20:16:29

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

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				
<hr/>						
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	get it	<i>remarks - general:</i> 2001-12-04 Title changed from "Lawful Interception; Interface between core network			
	SP-16 2002-03-19 2 . 0 . 0		<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				

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

3GPP specification status

Page 293

16 September 2004 20:16:30

ACTIVE specs Rel-5 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-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		G: 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		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/>									
TS 33.203	3G security; Access security for IP-based services								
Rel-5	<i>current version:</i> 5.9.0		<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				
	SP-25		5 . 9 . 0						

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

3GPP specification status

Page 294

16 September 2004 20:16:30

ACTIVE specs Rel-5 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-5 *current version:* 5.5.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

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). <i>remarks - this release:</i>
SP-15	2002-03-19	2 . 0 . 0	SP-020117	get it	
SP-15	2002-03-26	5 . 0 . 0		get it	
SP-16	2002-06-19	5 . 1 . 0		get it	
SP-18	2002-12-18	5 . 2 . 0		get it	
SP-19	2003-03-24	5 . 3 . 0		get it	
SP-20	2003-06-18	5 . 4 . 0		get it	
SP-21	2003-09-30	5 . 5 . 0		get it	

TR 33.900 Guide to 3G security

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

history (event, available, version, comments):

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> .
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TR 33.903 Access Security for IP based services

Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* VACANT,
freeze_meeting: SP-15 *G:* U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general:
remarks - this release: .

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

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

3GPP specification status

Page 295

16 September 2004 20:16:30

ACTIVE specs 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	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	CHALABI, Nouhman	ANRITSU LTD	
	<i>freeze_meeting:</i> TP-24	G:	U: yes	<i>MCC:</i>	SULTAN, Alain		
	<i>history (event, available, version, comments):</i>						
	TP-23 2004-04-01	5 . 0 . 0		get it	<i>remarks - general:</i>		
	TP-24 2004-06-25	5 . 1 . 0		get it	<i>remarks - this release:</i>	.	
	TP-25	5 . 2 . 0					
<hr/>							
TS 34.109	Terminal logical test interface; Special conformance testing functions						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	R2 / T1	<i>rapporteur:</i>	BERGGREN, Anders	Ericsson Incorporated	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>						
	RP-15 2002-03-19	5 . 0 . 0		get it	<i>remarks - general:</i>	TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9:	
	RP-16 2002-06-17	5 . 1 . 0		get it	<i>remarks - this release:</i>	. Stable, so txfered from T1 to R2.	
	RP-18 2003-01-13	5 . 2 . 0		get it			
	RP-19 2003-03-25	5 . 3 . 0		get it			
	RP-25	5 . 4 . 0					
<hr/>							
TS 34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)						
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	HIGUCHI, Kenji	ADVANTEST Corporation	
	<i>freeze_meeting:</i> TP-20	G:	U: yes	<i>MCC:</i>	SULTAN, Alain		
	<i>history (event, available, version, 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	Corrects implementation of CR333	get it			
	TP-24 2004-06-25	5 . 4 . 0		get it			
	TP-25	5 . 5 . 0					
<hr/>							
TS 34.122	Terminal conformance specification, Radio transmission and reception (TDD)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	T1 / -	<i>rapporteur:</i>	MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG	
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	SULTAN, Alain		
	<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>	.	

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

3GPP specification status

Page 296

16 September 2004 20:16:30

ACTIVE specs Rel-5 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-5	<i>current version:</i> 5.9.0				<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM
	<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>	
	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	There were two annexes C !	get it	
	TP-18	2002-12-18	5 . 2 . 0		get it		
	TP-19	2003-03-24	5 . 3 . 0		get it		
	TP-20	2003-06-17	5 . 4 . 0		get it		
	TP-21	2003-10-13	5 . 5 . 0		get it		
	TP-22	2004-01-22	5 . 6 . 0		get it		
	TP-23	2004-04-01	5 . 7 . 0	CR668 not implementable (written to old version of spec).	get it		
	TP-23	2004-04-13	5 . 7 . 1	Spirit of CR668 implemented, after consultation with T.	get it		
	TP-24	2004-07-01	5 . 8 . 0		get it		
	TP-25		5 . 9 . 0				

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

Rel-5	<i>current version:</i> 5.9.0				<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		
	TP-25		5 . 9 . 0				

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

3GPP specification status

Page 297

16 September 2004 20:16:30

ACTIVE specs Rel-5 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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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	

TR 34.902 Derivation of test tolerances for multi-cell Radio Resource Model (RRM) conformance tests

Rel-5 *current version:* 1.2.0 *DRAFT* *WG (prime / other):* T1 / *rapporteur:* ROSE, Ian Racal Instruments Wireless Solutions Limited
freeze_meeting: TP-22 *G:* yes *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-22	2004-01-05	1 . 0 . 0	TP-030289 for information	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	

TR 34.926 Electromagnetic compatibility (EMC); Table of international requirements for mobile terminals and ancillary equipment

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B Research In Motion Limited
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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> .

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-15 *G:* U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 298

16 September 2004 20:16:30

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

TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, 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> .				
<hr/>									
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, 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> .				
<hr/>									
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version, 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> .				
<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 1: General	5.0.0		<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael		
Rel-5	<i>current version:</i> 1: General								
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	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. 2002-06: clarified that deliverable is TS not TR.				
					<i>remarks - this release:</i> .				
<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 2: Algorithm specification	5.1.0		<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael		
Rel-5	<i>current version:</i> 2: Algorithm specification								
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	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				
	SP-20 2003-06-18 5 . 1 . 0			get it	<i>remarks - this release:</i> .				

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

3GPP specification status

Page 299

16 September 2004 20:16:30

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

TS 35.207 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document
Rel-5 *current version: 3: Implementors' test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

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

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

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

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

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

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

TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
Rel-5 *current version: 5.0.0* *WG (prime / other):* S3 /- *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-15

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

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

3GPP specification status

Page 300

16 September 2004 20:16:30

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

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:* 5.8.0 *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](#)
SP-25 5 . 8 . 0

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian Axalto S.A.
freeze_meeting: TP-15 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
TP-12 2001-07-06 5 . 0 . 0 [get it](#) *remarks - general:* TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: .

TS 42.033 Lawful Interception; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-16 2002-06-24 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

3GPP specification status

Page 301

16 September 2004 20:16:30

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

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> .			
<hr/>						
TS 42.069	Voice Broadcast Service (VBS); Stage 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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>			
	post SP-16 edito to 2002-07-29 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
	history box					

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

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

3GPP specification status

Page 302

16 September 2004 20:16:30

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

TR 43.005	Technical performance objectives					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC:	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>					
	NP-16 2002-07-04 5 . 0 . 0	Note that the doc is really a TR not a TS get it	<i>remarks - general:</i>			
		(cover sheet is wrong)	<i>remarks - this release:</i>	NP-21: Decision not to progress this to Rel-6.		
<hr/>						
TS 43.010	GSM Public Land Mobile Network (PLMN) connection types					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC:	BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>					
	NP-15 2002-03-20 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-18 2003-01-06 5 . 2 . 0	get it				
<hr/>						
TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<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>			
			<i>remarks - this release:</i>	.		
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-5	<i>current version:</i> 5.6.0	<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 2001-11-21 5 . 0 . 1	get it	<i>remarks - this release:</i>	.		
	file					
	TP-14 2002-01-17 5 . 1 . 0	get it				
	TP-15 2002-04-02 5 . 2 . 0	get it				
	TP-16 2002-06-25 5 . 3 . 0	get it				
	TP-17 2002-09-27 5 . 4 . 0	get it				
	TP-18 2003-01-08 5 . 5 . 0	get it				
	TP-19 2003-03-26 5 . 6 . 0	get it				

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

3GPP specification status

Page 303

16 September 2004 20:16:31

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

TS 43.020	Security-related network functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-16	GP				
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	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:	<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> 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		Skov			
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	GP-10 2002-07-19 5 . 0 . 0		get it	<i>remarks - general:</i>		
	re-issue as TR (not 2002-07-31 5 . 0 . 1		get it	<i>remarks - this release:</i>		
	TS) as per 03.26					
<hr/>						
TR 43.030	Radio network planning aspects					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB		
	<i>freeze_meeting:</i> GP-10	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>		
	reissue as TR 5 . 0 . 1			<i>remarks - this release:</i>		
	instead of TS					
	GP-11 2002-09-19 5 . 1 . 0		get it			

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

3GPP specification status

Page 304

16 September 2004 20:16:31

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

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>
<hr/>						
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
Rel-5	<i>current version:</i> 5.10.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-03 2001-02-15 5 . 0 . 0				get it	<i>remarks - general:</i> Originally created as 03.51r00
	GP-04 2001-04-20 5 . 1 . 0				get it	<i>remarks - this release:</i>
	GP-05 2001-06-28 5 . 2 . 0				get it	
	GP-06 2001-10-01 5 . 3 . 0				get it	
	GP-07 2002-01-04 5 . 4 . 0				get it	
	GP-08 2002-02-19 5 . 5 . 0				get it	
	GP-09 2002-05-06 5 . 6 . 0				get it	
	GP-11 2002-09-19 5 . 7 . 0				get it	
	GP-12 2003-01-03 5 . 8 . 0				get it	
	GP-14 2003-04-25 5 . 9 . 0				get it	
	GP-16 2003-09-12 5 . 10 . 0				get it	

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

3GPP specification status

Page 305

16 September 2004 20:16:31

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

TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.			
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	GP-10 2002-07-19 5 . 0 . 0				get it	<i>remarks - general:</i>	
						<i>remarks - this release:</i>	.
<hr/>							
TS 43.055	Dual Transfer Mode (DTM); Stage 2						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc			
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	GP-10 2002-07-19 5 . 0 . 0				get it	<i>remarks - general:</i>	
	GP-14 2003-04-25 5 . 1 . 0				get it	<i>remarks - this release:</i>	.
	GP-16 2003-09-12 5 . 2 . 0				get it		
	GP-21 2004-05-06 5 . 3 . 0						
<hr/>							
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom			
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, 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		

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

3GPP specification status

Page 306

16 September 2004 20:16:31

ACTIVE specs Rel-5 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-5 *current version:* 5.3.0

freeze_meeting: GP-09

history (event, available, version, comments):

GP-09 2002-05-06 5 . 0 . 0

GP-14 2003-04-25 5 . 1 . 0

make figs 20 and 2003-05-02 5 . 1 . 1
25 legible

GP-16 2003-09-12 5 . 2 . 0

GP-19 2004-05-06 5 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* LEPPISAARI, Arto

NOKIA Corporation

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

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

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

[get it](#)

[get it](#)

[get it](#)

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

Rel-5 *current version:* 5.4.0

freeze_meeting: NP-15

history (event, available, version, comments):

NP-16 2002-06-19 5 . 0 . 0

post NP-16 edito 2002-06-28 5 . 0 . 1

NP-17 2002-09-17 5 . 1 . 0

NP-18 2002-12-18 5 . 2 . 0

NP-21 2003-10-08 5 . 3 . 0

NP-25 5 . 4 . 0

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

Nortel Networks (USA)

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-5 *current version:* 5.4.0

freeze_meeting: NP-15

history (event, available, version, comments):

NP-16 2002-06-19 5 . 0 . 0

post NP-16 edito 2002-06-28 5 . 0 . 1

NP-17 2002-09-17 5 . 1 . 0

NP-18 2002-12-18 5 . 2 . 0

NP-21 2003-10-08 5 . 3 . 0

NP-25 5 . 4 . 0

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

Nortel Networks (USA)

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

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

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

[get it](#)

[get it](#)

[get it](#)

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

3GPP specification status

Page 307

16 September 2004 20:16:31

ACTIVE specs Rel-5 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-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-16 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
SP-16 2002-06-24 5 . 0 . 0 technically identical to v4.0.0 [get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

TS 43.130 Iur-g interface; Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: GP-11 *G: yes U:* *MCC:* Jose Luis USAI, Paolino
history (event, available, version, comments):
GP-11 2002-09-16 5 . 0 . 0 Technically identical to TR.43.930 v5.1.0 [get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.
remarks - this release: .

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

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

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

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

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-11 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-12-17 5 . 0 . 1 [get it](#) *remarks - this release:* .

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

3GPP specification status

Page 308

16 September 2004 20:16:31

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

TS 44.004 Layer 1 - General Requirements

Rel-5 *current version:* 5.3.0
freeze_meeting: GP-09

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

history (event, available, version, comments):

GP-06 2001-11-15 5 . 0 . 0
GP-07 2002-01-08 5 . 1 . 0
GP-09 2002-05-06 5 . 2 . 0
GP-17 2003-12-05 5 . 3 . 0

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

TS 44.005 Data Link (DL) Layer General Aspects

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

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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 44.006 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

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

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

history (event, available, version, comments):

GP-11 2002-09-27 5 . 0 . 0
post GP-11 editorial 2003-12-05 5 . 0 . 1

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

TS 44.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

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

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-11 2002-09-27 5 . 0 . 0
edito 2002-12-17 5 . 0 . 1

[get it](#) *remarks - general:* Rel-4 onwards. (Rel-99 was 24.012)
[get it](#) *remarks - this release:* .

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

3GPP specification status

Page 310

16 September 2004 20:16:31

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

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

Rel-5 *current version:* 5.10.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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

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 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: GP-11 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 311

16 September 2004 20:16:31

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

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/>					
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>WG (prime / other):</i> G2 /	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<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			

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

3GPP specification status

Page 312

16 September 2004 20:16:32

ACTIVE specs Rel-5 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-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S		
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: 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> .		
<hr/>						
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S		
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: JURISIC, Andrijana			
	<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> .		
	NP-25 5 . 2 . 0					
<hr/>						
TS 44.068	Group Call Control (GCC) Protocol					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: 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	Correct faulty styles / clause numbering	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	G: yes U:	MCC: 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	G: yes U:	Skov			
	<i>history (event, available, version, comments):</i>		MCC: THOMASEN, Gert			
	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 access; U = required in systems with UMTS access.

3GPP specification status

Page 313

16 September 2004 20:16:32

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; Iu 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 Iu 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 314

16 September 2004 20:16:32

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
freeze_meeting: GP-09
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	

WG (prime / other): G2 / - *rapporteur:* BACKLUND, Ingemar Telefon AB LM Ericsson
G: yes U: *MCC:* THOMASEN, Gert

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
freeze_meeting: GP-09
history (event, available, version, comments):

GP-03	2001-02-15	5	.	0	.	0			
GP-06	2001-10-01	5	.	1	.	0		get it	<i>remarks - general:</i>
GP-07	2002-01-04	5	.	2	.	0		get it	<i>remarks - this release:</i>
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	

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

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

3GPP specification status

Page 315

16 September 2004 20:16:32

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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3GPP specification status

Page 316

16 September 2004 20:16:32

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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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 access; U = required in systems with UMTS access.

3GPP specification status

Page 317

16 September 2004 20:16:32

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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remarks - this release:

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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

Skov

G: yes U:

MCC: USAI, Paolino

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

3GPP specification status

Page 318

16 September 2004 20:16:32

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> 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 319

16 September 2004 20:16:32

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	<i>G: yes U:</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> <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	<i>G: yes U:</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> <i>remarks - this release:</i> .	
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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	<i>G: yes U:</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> <i>remarks - this release:</i> .	
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i> SP-16 2002-06-28 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	

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

3GPP specification status

Page 320

16 September 2004 20:16:32

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> .			

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

3GPP specification status

Page 321

16 September 2004 20:16:33

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>	

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

3GPP specification status

Page 322

16 September 2004 20:16:33

ACTIVE specs Rel-5 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-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>	.

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

3GPP specification status

Page 323

16 September 2004 20:16:33

ACTIVE specs Rel-5 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

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> .			
<hr/>						

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

3GPP specification status

Page 324

16 September 2004 20:16:33

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
freeze_meeting: GP-11

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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
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-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
freeze_meeting: GP-11

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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
freeze_meeting: GP-11

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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:* .

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

3GPP specification status

Page 325

16 September 2004 20:16:33

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
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
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:* .

[get it](#)

TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
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:* .

[get it](#)

[get it](#)

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

3GPP specification status

Page 326

16 September 2004 20:16:33

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 2003-04-29 5 . 6 . 1	get it				
	of reference in tables 10.2.1 and 10.2.2					
	GP-15 2003-07-10 5 . 7 . 0	get it				
	GP-17 2003-12-05 5 . 8 . 0	get it				
	GP-18 2004-02-23 5 . 9 . 0	get it				
	GP-19 2004-05-06 5 . 10 . 0	get it				

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, 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				

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	Skov		
	<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> .			

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

3GPP specification status

Page 327

16 September 2004 20:16:33

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

TS 48.051 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-11 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-12-17 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 48.052 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-11 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-12-17 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits
Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-11 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-12-17 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-11 2002-09-27 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

3GPP specification status

Page 328

16 September 2004 20:16:33

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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-09		Skov						
		G: yes U:	MCC:	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>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-09		Skov						
		G: yes U:	MCC:	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>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-09		Skov						
		G: yes U:	MCC:	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>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>	.				
	GP-15 2003-07-10	5 . 1 . 0	get it						

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

3GPP specification status

Page 329

16 September 2004 20:16:33

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
G: yes U: *MCC:* Skov 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.

3GPP specification status

Page 330

16 September 2004 20:16:33

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 omitted text post GP-13	2003-02-28	5 . 2 . 1	get it	
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.

3GPP specification status

Page 331

16 September 2004 20:16:33

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		

TS 51.010-5 Mobile Station (MS) conformance specification; Part 5: GERAN / UTRAN interaction Abstract Test Suite (ATS)

Rel-5 *current version:* 0.0.0 DRAFT *WG (prime / other):* G3new/ T1 *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: G: yes U: yes MCC: CLAYTON, Michael

history (event, available, version, comments):

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

3GPP specification status

Page 332

16 September 2004 20:16:34

ACTIVE specs Rel-5 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-5 *current version:* 5.1.0 *WG (prime / other):* T3 / - *rapporteur:* BEGASSAT, Christophe Axalto S.A.
freeze_meeting: TP-20 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):
TP-20 2003-06-23 5 . 0 . 0 [get it](#) *remarks - general:*
post TP-20 editorial 2003-06-27 5 . 0 . 1 [get it](#) *remarks - this release:* TP-16: WI is TP-020122.
to fix zipped annex
E attachment

TP-22 2004-01-12 5 . 1 . 0 [get it](#)

TS 51.021 GSM radio aspects base station system equipment specification
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):
GP-10 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
GP-12 2003-01-03 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-13 2003-02-21 5 . 2 . 0 [get it](#)
GP-15 2003-07-11 5 . 3 . 0 [get it](#)

TS 51.026 GSM Repeater Equipment Specification
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):
GP-10 2002-07-19 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

TS 52.021 Network Management (NM) Procedures and messages on the A-bis interface
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / S5 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
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.

3GPP specification status

Page 333

16 September 2004 20:16:34

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

TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-19 2003-03-31 5 . 0 . 0 technically identical to v4.2.0 [get it](#) *remarks - general:* SP-13: replaces 32.402.
remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

Rel-4

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

TS 21.101 Technical Specifications and Technical Reports for a UTRAN-based 3GPP system
Rel-4 *current version:* 4.10.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-20 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, comments):
SP-20 2003-06-25 4 . 9 . 0 Created from 21.102 v4.9.0 [get it](#) *remarks - general:* 2003-05: Title changed from "3rd Generation mobile system Release 1999
SP-22 2004-01-15 4 . 10 . 0 [get it](#) *remarks - this release:* . Specifications".

TS 21.111 USIM and IC card requirements
Rel-4 *current version:* 4.1.0 *WG (prime / other):* T3 / - *rapporteur:* KALINER, Stefan T-Mobile International AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
TP-11 2001-04-09 4 . 0 . 0 [get it](#) *remarks - general:*
TP-17 2002-09-18 4 . 1 . 0 [get it](#) *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5
version. TP-16: decided to upgrade to Rel-5.

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

3GPP specification status

Page 334

16 September 2004 20:16:34

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

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.
<hr/>					
TR 21.905	Vocabulary for 3GPP Specifications				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele T-Mobile (UK) Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes	<i>U:</i> 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>	2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least,
	SP-10 2001-01-08 4 . 1 . 0	get it		<i>remarks - this release:</i>	Absorbs 01.04. so include it in that set.
	SP-11 2001-04-02 4 . 2 . 0	get it			
	SP-12 2001-06-27 4 . 3 . 0	get it			
	SP-13 2001-10-05 4 . 4 . 0	get it			
	SP-20 2003-06-18 4 . 5 . 0	get it			

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

3GPP specification status

Page 335

16 September 2004 20:16:34

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

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	get it <i>remarks - general:</i> Transfer>TSG#5
SP-10	2001-01-08	4	.	1	.	0	get it <i>remarks - this release:</i>
remove change bars	2001-02-28	4	.	1	.	1	get it
SP-12	2001-06-27	4	.	2	.	0	get it
SP-15	2002-03-25	4	.	3	.	0	get it

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

Rel-4 *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	get it <i>remarks - general:</i> Transfer>TSG#4
SP-11	2001-04-02	4	.	1	.	0	get it <i>remarks - this release:</i>
SP-12	2001-06-27	4	.	2	.	0	get it

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

Rel-4 *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-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

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

3GPP specification status

Page 336

16 September 2004 20:16:34

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

TS 22.004 General on supplementary services

Rel-4 *current version:* 4.3.0 *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-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-15 2002-03-25 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-16 2002-07-04 4 . 2 . 0 [get it](#)
SP-24 2004-06-14 4 . 3 . 0 [get it](#)

TS 22.011 Service accessibility

Rel-4 *current version:* 4.8.0 *WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-07 2000-03-17 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-08 2000-06-28 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-09 2000-10-18 4 . 2 . 0 [get it](#)
SP-11 2001-04-02 4 . 3 . 0 [get it](#)
SP-12 2001-06-27 4 . 4 . 0 [get it](#)
SP-14 2002-01-10 4 . 5 . 0 [get it](#)
SP-15 2002-03-25 4 . 6 . 0 [get it](#)
SP-16 2002-07-04 4 . 7 . 0 [get it](#)
SP-17 2002-09-17 4 . 8 . 0 [get it](#)

TS 22.016 International Mobile Equipment Identities (IMEI)

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-15 2002-03-25 4 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: CR proposed creation, but not aprvd.
SP-16 2002-07-04 4 . 2 . 0 [get it](#)
edito post SP-16 2002-07-19 4 . 2 . 1 History box [get it](#)

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

3GPP specification status

Page 337

16 September 2004 20:16:34

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

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								
	<i>history (event, available, version, comments):</i>	G: yes	U: yes	<i>MCC:</i>	POPE, Maurice				
	SP-11 2001-04-02 4 . 0 . 0								
	SP-16 2002-06-19 4 . 1 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4				
		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								
	<i>history (event, available, version, comments):</i>	G: yes	U: yes	<i>MCC:</i>	POPE, Maurice				
	SP-18 2003-01-06 4 . 0 . 0	Technically identical to 42.031 v4.0.0.	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.				
<hr/>									
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version, comments):</i>	G: yes	U: yes	<i>MCC:</i>	POPE, Maurice				
	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.				

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

3GPP specification status

Page 338

16 September 2004 20:16:34

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

TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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>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-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>rapporteur:</i> WATSON, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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>			
<hr/>						
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> .			

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3GPP specification status

Page 339

16 September 2004 20:16:34

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

TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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".			
<hr/>						
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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>			

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

3GPP specification status

Page 340

16 September 2004 20:16:34

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

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>						
<hr/>									
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	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							
<hr/>									
TS 22.072	Call Deflection (CD); Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, 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>						

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

3GPP specification status

Page 341

16 September 2004 20:16:34

ACTIVE specs Rel-4 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-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				

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>			

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>			

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				

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

3GPP specification status

Page 342

16 September 2004 20:16:35

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

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>			
<hr/>						
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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>			
<hr/>						
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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 22.086	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>			

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3GPP specification status

Page 343

16 September 2004 20:16:35

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

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>			
<hr/>						
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.						

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3GPP specification status

Page 344

16 September 2004 20:16:35

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

TS 22.096 Name identification supplementary services; Stage 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release:

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-11 2001-04-02 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-15 2002-03-25 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 22.101 Service aspects; Service principles

Rel-4 *current version:* 4.10.0 *WG (prime / other):* S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
freeze_meeting: SP-11 *G: U: yes* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-08 2000-06-28 4 . 0 . 0 based on 3.9.0 [get it](#) *remarks - general:*
SP-09 2000-10-18 4 . 1 . 0 [get it](#) *remarks - this release:* 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](#)

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3GPP specification status

Page 345

16 September 2004 20:16:35

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

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	G: 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	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>			
	SP-22 2004-01-06 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
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	get it		Converted from TS to TR.		

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3GPP specification status

Page 346

16 September 2004 20:16:35

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

TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-11 *G:* U: yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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	

TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE SA
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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	

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

3GPP specification status

Page 347

16 September 2004 20:16:35

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 349

16 September 2004 20:16:35

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>		

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

3GPP specification status

Page 350

16 September 2004 20:16:35

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

TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-11 4 . 0 . 0
NP-17 2002-09-17 4 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
G: yes U: yes *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:*

TS 23.015 Technical realization of Operator Determined Barring (ODB)

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-02 4 . 0 . 0
corrects 2002-06-24 4 . 0 . 1

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

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

TS 23.016 Subscriber data management; Stage 2

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-03-30 4 . 0 . 0
NP-15 2002-03-28 4 . 1 . 0
NP-16 2002-06-21 4 . 2 . 0
NP-17 2002-09-17 4 . 3 . 0
NP-23 2004-03-23 4 . 4 . 0

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

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

TS 23.018 Basic Call Handling; Technical realization

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version, comments):
NP-09 2000-10-25 4 . 0 . 0
NP-10 2000-12-21 4 . 1 . 0
NP-11 2001-04-06 4 . 2 . 0
NP-12 2001-06-27 4 . 3 . 0
NP-13 2001-10-03 4 . 4 . 0
NP-14 2002-01-16 4 . 5 . 0
NP-15 2002-03-28 4 . 6 . 0
NP-19 2003-04-04 4 . 7 . 0

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

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

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

3GPP specification status

Page 351

16 September 2004 20:16:36

ACTIVE specs Rel-4 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					
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.		

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 get it SP-18 2003-01-07 4 . 1 . 0 get it edito post SP-18 to 2003-01-10 4 . 1 . 1 get it correct figures		<i>remarks - general:</i> S2 responsibility?	<i>remarks - this release:</i>		

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>		

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 get it 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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3GPP specification status

Page 352

16 September 2004 20:16:36

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:* 4.5.0 *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
TP_25		4	.	5	.	0	

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>
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TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.9.0 *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
TP_25		4	.	9	.	0	

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3GPP specification status

Page 353

16 September 2004 20:16:36

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 *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-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 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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 *current version:* 4.4.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-12 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 354

16 September 2004 20:16:36

ACTIVE specs Rel-4 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-4 *current version:* 4.5.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTP Communications plc
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-10	2000-12-22	4 . 0 . 0	get it	<i>remarks - general:</i> Apr-2001: " Station Application" removed from title.
TP-11	2001-04-11	4 . 1 . 0	get it	<i>remarks - this release:</i>
TP-12	2001-07-05	4 . 2 . 0	get it	
TP-13	2001-10-05	4 . 3 . 0	get it	
include fig 5	2001-10-18	4 . 3 . 1	get it	
TP-14	2002-01-16	4 . 4 . 0	get it	
TP-15	2002-03-25	4 . 5 . 0	get it	

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

Rel-4 *current version:* 4.9.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-11	2001-04-06	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-12	2001-06-29	4 . 1 . 0	get it	<i>remarks - this release:</i>
SP-13	2001-10-12	4 . 2 . 0	get it	
SP-14	2002-01-08	4 . 3 . 0	get it	
edito		4 . 3 . 1		
SP-15	2002-04-05	4 . 4 . 0	get it	
SP-16	2002-06-17	4 . 5 . 0	get it	
SP-17	2002-10-02	4 . 6 . 0	get it	
SP-18	2003-01-10	4 . 7 . 0	get it	
SP-20	2003-06-20	4 . 8 . 0	get it	
SP-22	2004-01-06	4 . 9 . 0	get it	

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11	2001-04-04	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
corrects	2002-06-24	4 . 0 . 1	get it	<i>remarks - this release:</i>

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3GPP specification status

Page 355

16 September 2004 20:16:36

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

TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, 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	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 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	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-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			

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3GPP specification status

Page 356

16 September 2004 20:16:36

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

TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11		Chalmers			
		<i>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> 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	<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>			
	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	<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>			
	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	<i>G:</i> yes <i>U:</i> 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	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.

3GPP specification status

Page 357

16 September 2004 20:16:36

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

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.

3GPP specification status

Page 358

16 September 2004 20:16:36

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

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>

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3GPP specification status

Page 359

16 September 2004 20:16:36

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

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	get it	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.			
	post NP-16 2002-06-28 4 . 0 . 1	get it	<i>remarks - this release:</i> 2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.			

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3GPP specification status

Page 360

16 September 2004 20:16:36

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	

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3GPP specification status

Page 361

16 September 2004 20:16:37

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>	<i>U:</i> 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>	<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>					
				<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:</i> yes	<i>U:</i> yes	<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.

3GPP specification status

Page 362

16 September 2004 20:16:37

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. TSG#7:1.1.0 "but not stable enough to be made available!"
N3-10	2000-05-25	2	.	0	.	0	get it
NP-08	2000-06-23	4	.	0	.	0	get it
NP-09	2000-10-12	4	.	1	.	0	get it

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.10.0 *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	get it <i>remarks - this release:</i> argument in SA over r99 or r00] concl: not approved
NP-10		2	.	3	.	0	NP-000653
NP-10	2001-01-09	4	.	0	.	0	get it
NP-11	2001-04-04	4	.	1	.	0	get it
NP-12	2001-06-27	4	.	2	.	0	get it
NP-13	2001-10-03	4	.	3	.	0	get it
NP-14	2002-01-10	4	.	4	.	0	get it
NP-17	2002-09-18	4	.	5	.	0	get it
NP-18	2003-01-09	4	.	6	.	0	get it
NP-19	2003-04-04	4	.	7	.	0	get it
NP-20	2003-06-27	4	.	8	.	0	get it
NP-21	2003-10-09	4	.	9	.	0	get it
NP-24	2004-06-15	4	.	10	.	0	get it

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3GPP specification status

Page 363

16 September 2004 20:16:37

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):

NP-10	2001-01-12	1	.	0	.	1	N4-001104	get it	<i>remarks - general:</i>	2000-10: Rap change from Keutmann.
NP-11	2001-03-30	4	.	0	.	0		get it	<i>remarks - this release:</i>	
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		

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

TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version, comments):

draft	2000-11-07	0	.	0	.	5		get it	<i>remarks - general:</i>	Derived from R99-specific 23.121
SP-10	2001-01-31	1	.	0	.	0	SP-000595	get it	<i>remarks - this release:</i>	
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		

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

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):

draft	2000-09-06	0	.	1	.	0		get it	<i>remarks - general:</i>	
TP-11	2001-04-02	4	.	0	.	0		get it	<i>remarks - this release:</i>	
TP-14	2002-01-11	4	.	1	.	0		get it		
TP-15	2002-03-26	4	.	2	.	0		get it		

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

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

3GPP specification status

Page 364

16 September 2004 20:16:37

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:* 4.12.0 *WG (prime / other):* S2 / - *rapporteur:* WONG, Gavin VODAFONE Group Plc
freeze_meeting: SP-11 *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		2	.	0	.	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-25		4	.	12	.	0

SP-000596

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remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
remarks - this release: post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* IBANEZ, Juan-Antonio Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, 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](#)
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remarks - general:
remarks - this release:

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

3GPP specification status

Page 365

16 September 2004 20:16:37

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	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>			
			<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).	NP-	
	edito 2000-10-24 4 . 0 . 1	get it	<i>remarks - this release:</i>	25: TSG CN proposing to convert to a TS.		
	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.

3GPP specification status

Page 366

16 September 2004 20:16:37

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](#)
on cover page

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 367

16 September 2004 20:16:37

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	<i>remarks - general:</i>
NP-10	2001-01-03	4 . 1 . 0	get it	<i>remarks - this release:</i>
edito	2001-01-09	4 . 1 . 1	get it	
NP-11	2001-04-06	4 . 2 . 0	get it	
edito	2001-07-06	4 . 2 . 1	get it	replaces missing section of table
NP-12	2001-07-13	4 . 3 . 0	get it	
NP-13	2001-10-04	4 . 4 . 0	get it	
NP-14	2002-01-09	4 . 5 . 0	get it	
NP-15	2002-03-21	4 . 6 . 0	get it	
NP-16	2002-06-24	4 . 7 . 0	get it	
NP-17	2002-09-17	4 . 8 . 0	get it	
NP-18	2002-12-18	4 . 9 . 0	get it	
NP-19	2003-03-24	4 . 10 . 0	get it	
NP-20	2003-06-27	4 . 11 . 0	get it	
NP-21	2003-10-10	4 . 12 . 0	get it	
NP-23	2004-03-22	4 . 13 . 0	get it	
NP-24	2004-06-15	4 . 14 . 0	get it	

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels 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	<i>remarks - general:</i>
NP-13	2001-10-03	4 . 1 . 0	get it	<i>remarks - this release:</i>
NP-14	2002-01-10	4 . 2 . 0	get it	

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

3GPP specification status

Page 368

16 September 2004 20:16:37

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		Skov						
		<i>G:</i> yes <i>U:</i> 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>	Transfer>TSG#4				
	NP-15 2002-03-19	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	fix headers, 2002-06-28	4 . 1 . 1	get it						
	restore missing figure								
<hr/>									
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	BOSWARTHICK, David					
	<i>history (event, available, version, 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	<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>	TSG#7: txfrd from SMG to 3GPP for R99.				
	NP-12 2001-06-27	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	NP-14 2002-01-10	4 . 2 . 0	get it						
<hr/>									
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	KYMALAINEN, Kimmo					
	<i>history (event, available, version, 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 369

16 September 2004 20:16:37

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.

3GPP specification status

Page 370

16 September 2004 20:16:37

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 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

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

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

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

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

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

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

Rel-4 *current version:* 4.0.2
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1
correct history box 2002-07-23 4 . 0 . 2

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

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

3GPP specification status

Page 371

16 September 2004 20:16:38

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 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

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

TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

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

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

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

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

TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0
correct references 2002-06-25 4 . 0 . 1

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

TS 24.135 Multicall supplementary service; Stage 3

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

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
G: U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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

3GPP specification status

Page 372

16 September 2004 20:16:38

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

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

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

[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.

3GPP specification status

Page 373

16 September 2004 20:16:38

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

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

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

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

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

3GPP specification status

Page 374

16 September 2004 20:16:38

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	

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

[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

Page 375

16 September 2004 20:16:38

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	get it	<i>remarks - general:</i>
RP-12	2001-06-29	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	2001-10-10	4 . 2 . 0	get it	
RP-14	2002-01-16	4 . 3 . 0	get it	
RP-15	2002-03-29	4 . 4 . 0	get it	
RP-16	2002-07-03	4 . 5 . 0	get it	
RP-17	2002-10-10	4 . 6 . 0	get it	
RP-18	2003-01-10	4 . 7 . 0	get it	
RP-19	2003-04-04	4 . 8 . 0	get it	
RP-20	2003-07-01	4 . 9 . 0	get it	
RP-21	2003-10-10	4 . 10 . 0	get it	
RP-22	2004-01-23	4 . 11 . 0	get it	
RP-23	2004-04-01	4 . 12 . 0	get it	
RP-24	2004-06-24	4 . 13 . 0	get it	

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

Rel-4 *current version:* 4.13.0 *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	get it	<i>remarks - general:</i>
RP-12	2001-06-29	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	2001-10-10	4 . 2 . 0	get it	
RP-14	2002-01-17	4 . 3 . 0	get it	
RP-15	2002-03-29	4 . 4 . 0	get it	
RP-16	2002-07-04	4 . 5 . 0	get it	
RP-17	2002-10-04	4 . 6 . 0	get it	
RP-18	2003-01-10	4 . 7 . 0	get it	
RP-19	2003-04-04	4 . 8 . 0	get it	
RP-20	2003-07-01	4 . 9 . 0	get it	
RP-21	2003-10-10	4 . 10 . 0	get it	
RP-22	2004-01-23	4 . 11 . 0	get it	
RP-23	2004-04-01	4 . 12 . 0	get it	
RP-25		4 . 13 . 0		

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

3GPP specification status

Page 376

16 September 2004 20:16:38

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

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

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

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

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

Rel-4 *current version:* 4.9.0

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	2002-07-04	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

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

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

3GPP specification status

Page 377

16 September 2004 20:16:38

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-000671
RP-11	2001-04-10	4	.	0	.	0	
RP-12	2001-06-29	4	.	1	.	0	
RP-13	2001-10-10	4	.	2	.	0	
RP-15	2002-03-19	4	.	3	.	0	
RP-16	2002-07-03	4	.	4	.	0	
RP-17	2002-10-02	4	.	5	.	0	
RP-18	2003-01-10	4	.	6	.	0	
RP-19	2003-04-04	4	.	7	.	0	
RP-20	2003-06-27	4	.	8	.	0	
RP-22	2004-01-23	4	.	9	.	0	
RP-24	2004-06-24	4	.	10	.	0	

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* Was to have been 25.107. But never was.
[get it](#)
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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](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 378

16 September 2004 20:16:38

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 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* PARKVALL, Stefan Ericsson AB
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, 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-16	2002-06-28	4 . 5 . 0	get it	
RP-17	2002-09-27	4 . 6 . 0	get it	

TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* MICHEL, Jürgen SIEMENS AG
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, 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-16	2002-06-28	4 . 5 . 0	get it	
RP-17	2002-09-27	4 . 6 . 0	get it	

TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, 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-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.

3GPP specification status

Page 379

16 September 2004 20:16:39

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 *current version:* 4.6.0
freeze_meeting: SP-11
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-17	2002-09-27	4	.	5	.	0	get it
RP-19	2003-04-04	4	.	6	.	0	get it

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

TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
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-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

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

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

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version, 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-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

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

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

3GPP specification status

Page 380

16 September 2004 20:16:39

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:* 4.8.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* BEALE, Martin IPWireless Inc.

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

history (event, available, version, comments):

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

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

RP-13 2001-10-08 4 . 1 . 0

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

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](#)

RP-25 4 . 8 . 0

readme file.

TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* ANDERSON, Nicholas IPWireless Inc.

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

history (event, available, version, comments):

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

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

RP-12 2001-06-28 4 . 1 . 0

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

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 381

16 September 2004 20:16:39

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 *current version:* 4.11.0

freeze_meeting: SP-11

history (event, available, version, comments):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-15	2002-03-29	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-17	2002-09-27	4	.	6	.	0
RP-18	2003-01-07	4	.	7	.	0
RP-19	2003-04-04	4	.	8	.	0
RP-21	2003-09-29	4	.	9	.	0
RP-22	2004-01-14	4	.	10	.	0
RP-25		4	.	11	.	0

WG (prime / other): R1 / -

G: *U:* yes

rapporteur: RUDOLF, Marian

MCC: SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS CORPORATION

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.8.0

freeze_meeting: SP-11

history (event, available, version, comments):

RP-11	2001-04-05	4	.	0	.	0
RP-12	2001-06-28	4	.	1	.	0
RP-13	2001-10-08	4	.	2	.	0
RP-14	2002-01-09	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-27	4	.	5	.	0
RP-18	2003-01-07	4	.	6	.	0
RP-20	2003-06-27	4	.	7	.	0
RP-23	2004-04-02	4	.	8	.	0

WG (prime / other): R1 / -

G: *U:* yes

rapporteur: CZAPLA, Liliana

MCC: SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS CORPORATION

[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

Page 382

16 September 2004 20:16:39

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 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* EKEMARK, Sven Telefon AB LM Ericsson
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](#) *remarks - general:*
RP-12 2001-06-19 4 . 1 . 0 [get it](#) *remarks - this release:*
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 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
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](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
RP-12 2001-06-19 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 2001-10-02 4 . 2 . 0 [get it](#)
RP-14 2002-01-04 4 . 3 . 0 [get it](#)
RP-15 2002-03-19 4 . 4 . 0 [get it](#)
RP-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 *current version:* 4.5.0 *WG (prime / other):* R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
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](#) *remarks - general:*
RP-12 2001-06-19 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 2001-10-02 4 . 2 . 0 [get it](#)
RP-14 2002-01-04 4 . 3 . 0 [get it](#)
RP-15 2002-03-19 4 . 4 . 0 [get it](#)
RP-16 2002-06-17 4 . 5 . 0 [get it](#)

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

3GPP specification status

Page 383

16 September 2004 20:16:39

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.

3GPP specification status

Page 384

16 September 2004 20:16:39

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

freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated

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.
[get it](#) *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:* 4.4.0

freeze_meeting: RP-13

WG (prime / other): R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)

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
RP-25		4	.	4	.	0

[get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements, R4
[get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. = RF & RMM requirements.

[get it](#)

[get it](#)

[get it](#)

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

3GPP specification status

Page 385

16 September 2004 20:16:39

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

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

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

[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

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

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

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

3GPP specification status

Page 386

16 September 2004 20:16:39

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
RP-12	2001-06-19	4	.	1	.	0
RP-13	2001-10-02	4	.	2	.	0
RP-14	2002-01-04	4	.	3	.	0
RP-15	2002-03-19	4	.	4	.	0
RP-16	2002-06-17	4	.	5	.	0
RP-17	2002-09-18	4	.	6	.	0

WG (prime / other): R2 / - *rapporteur:* HANS, Martin
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)

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version, comments):

RP-11	2001-03-27	4	.	0	.	0
RP-16	2002-06-17	4	.	1	.	0
RP-18	2003-01-13	4	.	2	.	0
RP-19	2003-03-25	4	.	3	.	0
RP-24	2004-06-17	4	.	4	.	0

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

Vodafone D2 GmbH

[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.

3GPP specification status

Page 388

16 September 2004 20:16:40

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 *current version:* 4.6.0

freeze_meeting: SP-11

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	2002-01-11	4	.	3	.	0
RP-15	2002-04-02	4	.	4	.	0
RP-16	2002-06-28	4	.	5	.	0
RP-18	2003-01-03	4	.	6	.	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

history (event, available, version, 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	2002-01-11	4	.	3	.	0
RP-16	2002-06-28	4	.	4	.	0
RP-17	2002-09-30	4	.	5	.	0

WG (prime / other): R3 / - *rapporteur:* DIESEN, Michael MOTOROLA Ltd

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

[get it](#)

[get it](#)

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[get it](#)

TS 25.411 UTRAN Iu interface layer 1

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version, comments):

RP-11	2001-04-06	4	.	0	.	0
RP-12	2001-07-06	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

TS 25.412 UTRAN Iu interface signalling transport

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version, comments):

RP-11	2001-04-06	4	.	0	.	0
RP-17	2002-09-30	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* NG, Cheng Hock NEC Corporation

G: *U:* yes *MCC:* CALDENHOVEN, Juergen

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

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

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

3GPP specification status

Page 389

16 September 2004 20:16:40

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	get it	<i>remarks - general:</i>
RP-12	2001-07-06	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	2001-10-12	4 . 2 . 0	get it	
RP-14	2002-01-14	4 . 3 . 0	get it	
RP-15	2002-04-02	4 . 4 . 0	get it	
RP-16	2002-07-05	4 . 5 . 0	get it	
RP-17	2002-10-03	4 . 6 . 0	get it	
RP-18	2003-01-03	4 . 7 . 0	get it	
RP-19	2003-03-26	4 . 8 . 0	get it	
RP-20	2003-06-17	4 . 9 . 0	get it	
RP-21	2003-09-30	4 . 10 . 0	get it	
RP-22	2004-01-13	4 . 11 . 0	get it	
RP-23	2004-04-01	4 . 12 . 0	get it	

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	get it	<i>remarks - general:</i>
RP-13	2001-10-12	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-14	2002-01-14	4 . 2 . 0	get it	
RP-15	2002-04-02	4 . 3 . 0	get it	
RP-16	2002-06-28	4 . 4 . 0	get it	
RP-18	2003-01-03	4 . 5 . 0	get it	
RP-19	2003-03-26	4 . 6 . 0	get it	
RP-22	2004-01-13	4 . 7 . 0	get it	

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

3GPP specification status

Page 390

16 September 2004 20:16:40

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
freeze_meeting: SP-11
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	

WG (prime / other): R3 / - *rapporteur:* ISRAELSSON, Martin Telefon AB LM Ericsson
G: U: yes *MCC:* CALDENHOVEN, Juergen

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

Rel-4 *current version:* 4.10.0
freeze_meeting: SP-11
history (event, available, version, 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. shown on doc	2002-08-06	4 . 5 . 1	get it	
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	

WG (prime / other): R3 / - *rapporteur:* MCWILLIAMS, Brendan VODAFONE Group Plc
G: U: yes *MCC:* CALDENHOVEN, Juergen

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version, 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	

WG (prime / other): R3 / - *rapporteur:* PALAT, Sudeep Lucent Technologies Network Systems UK
G: U: yes *MCC:* CALDENHOVEN, Juergen

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

3GPP specification status

Page 392

16 September 2004 20:16:40

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 *current version:* 4.3.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, 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	
RP-16	2002-06-28	4 . 3 . 0	get it	

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, 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	
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.

3GPP specification status

Page 393

16 September 2004 20:16:40

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 *current version:* 4.5.0 *WG (prime / other):* R3 / - *rapporteur:* HAKULI, Tuomas NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, 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-18	2003-01-03	4 . 4 . 0	get it	
RP-22	2004-01-13	4 . 5 . 0	get it	

TS 25.430 UTRAN Iub Interface: General Aspects and Principles

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, 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-14	2002-01-11	4 . 2 . 0	get it	
RP-16	2002-06-28	4 . 3 . 0	get it	
RP-17	2002-10-03	4 . 4 . 0	get it	

TS 25.431 UTRAN Iub interface Layer 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R3 / - *rapporteur:* KUNZ, Walter SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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 *current version:* 4.0.0 *WG (prime / other):* R3 / - *rapporteur:* KOIZUMI, Yoshiko Fujitsu Limited
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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.

3GPP specification status

Page 394

16 September 2004 20:16:40

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:* 4.13.0

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
RP-25		4	.	13	.	0

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

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TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

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](#)
[get it](#)

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

3GPP specification status

Page 395

16 September 2004 20:16:40

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					

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

3GPP specification status

Page 396

16 September 2004 20:16:40

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	WG (prime / other):	R1 / -	<i>rapporteur:</i>	OESTREICH, Stefan	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-10 2001-01-12			get it	<i>remarks - general:</i>		
	RP-11 2001-04-05			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	WG (prime / other):	R3 / -	<i>rapporteur:</i>	LENHART, Johannes	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	CALDENHOVEN, Juergen		
	<i>history (event, available, version, comments):</i>						
	draft 2000-07-15			get it	<i>remarks - general:</i>		
	RP-09 2000-09-21			get it	<i>remarks - this release:</i>	RP-15: No upgrade to Rel-5.	
	RP-10 2000-12-21			get it			
	RP-11 2001-04-06			get it			
	RP-14 2002-01-11			get it			
<hr/>							
TR 25.840	Terminal power saving features						
Rel-4	<i>current version:</i> 4.0.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	SASAKI, Tsukasa	Fujitsu Networks Europe Ltd.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-09 2000-09-28			get it	<i>remarks - general:</i>		
	RP-10 2001-01-12			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,	
	RP-11 2001-04-05			get it		brought under change control; no further work envisaged.	
	RP-22 2004-01-14			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	WG (prime / other):	R1 / -	<i>rapporteur:</i>	TOSKALA, Antti	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-09 2000-09-28			get it	<i>remarks - general:</i>		
	RP-10 2001-01-12			get it	<i>remarks - this release:</i>	RP-15: Not to be promoted to Rel-5.	
	RP-11 2001-04-04			get it			

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

3GPP specification status

Page 397

16 September 2004 20:16:41

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 acces bearer support enhancements					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KRISHNARAJAH, Ainkaran	Ericsson AB		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
<i>history (event, available, version, 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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3GPP specification status

Page 398

16 September 2004 20:16:41

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

WG (prime / other): R3 / - *rapporteur:* WOONHEE, Hwang NOKIA Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
remarks - this release: RP-15: No upgrade to Rel-5.

TR 25.850 UE positioning in UTRAN lub/lur protocol aspects

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

WG (prime / other): R3 / - *rapporteur:* HAUTALA, Jari NOKIA Corporation
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

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

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

WG (prime / other): R3 / *rapporteur:* IRWIN, Sania MOTOROLA GmbH
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

TR 25.853 Delay budget within the access stratum

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

WG (prime / other): R3 / - *rapporteur:* VON BRANDT, Armin SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:* Was 25.932. Approved and renumbered at TSG#10.
remarks - this release: RP-15: No upgrade to Rel-5.

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

3GPP specification status

Page 399

16 September 2004 20:16:41

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 *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	2001-06-19	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 *current version:* 4.3.0 *WG (prime / other):* R2 / - *rapporteur:* HUS, Olivier Philips Research Laboratories
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-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 *current version:* 4.0.1 *WG (prime / other):* R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

RP-07		0 . 0 . 2	RP-000091	<i>remarks - general:</i>	Created R1#10, Jan 99.
RP-07	2000-03-15	0 . 0 . 3	RP-000158	<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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3GPP specification status

Page 400

16 September 2004 20:16:41

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](#)

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

3GPP specification status

Page 401

16 September 2004 20:16:41

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

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)

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

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd

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

freeze_meeting: SP-12

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V

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](#)

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

3GPP specification status

Page 402

16 September 2004 20:16:41

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> U: 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> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version, comments):</i>								
	RP-11 2001-04-06		4 . 0 . 0					<i>remarks - general:</i> Created Jan 2000 (aka R1.04)	
	edito 2001-04-10		4 . 0 . 1					<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> U: 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		<i>remarks - this release:</i>	get it
	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.

3GPP specification status

Page 403

16 September 2004 20:16:41

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 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
draft 2000-08-15 0 . 0 . 1
R3-15 2000-08-30 0 . 1 . 0
RP-10 2000-12-21 0 . 1 . 1 RP-000656
RP-11 2001-04-06 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG
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 25.950 UTRA high speed downlink packet access

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
draft 2000-11-07 0 . 0 . 0
RP-11 2001-03-27 4 . 0 . 0

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

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

TR 25.953 TrFO/TFO

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, comments):
RP-10 2000-12-21 0 . 0 . 3 RP-000664
RP-11 2001-04-06 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* VESELY, Alexander SIEMENS AG
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

TR 25.954 Migration to modification procedure

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

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki Vodafone K.K.
G: *U:* yes *MCC:* CALDENHOVEN, Juergen

[get it](#) *remarks - general:*
remarks - this release: RP-15: No upgrade to Rel-5.

TR 25.956 UTRA repeater: Planning guidelines and system analysis

Rel-4 *current version:* 4.0.0
freeze_meeting: RP-11
history (event, available, version, comments):
RP-11 2001-04-10 4 . 0 . 0

WG (prime / other): R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA S.A.
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

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

3GPP specification status

Page 404

16 September 2004 20:16:41

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:*

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

3GPP specification status

Page 405

16 September 2004 20:16:41

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>

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

3GPP specification status

Page 406

16 September 2004 20:16:41

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				

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

3GPP specification status

Page 407

16 September 2004 20:16:42

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	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-12 2001-06-27 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	bug fix 2001-06-29 4 . 1 . 1	get it				
	SP-13 2001-10-02 4 . 2 . 0	get it				
	SP-15 2002-03-28 4 . 3 . 0	get it				
	SP-19 2003-04-04 4 . 4 . 0	get it				
	SP-20 2003-06-25 4 . 5 . 0	get it				

TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry		TOSHIBA CO	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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	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> CR at TSG#5			
			<i>remarks - this release:</i>			

TS 26.115	Echo control for speech and multi-media services					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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.			

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

3GPP specification status

Page 408

16 September 2004 20:16:42

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 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
SP-13 2001-10-02 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-17 2002-09-24 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-11 2001-04-10 4 . 0 . 0 [get it](#) *remarks - general:*
SP-13 2001-10-02 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 2002-03-28 4 . 2 . 0 [get it](#)
SP-17 2002-09-24 4 . 3 . 0 [get it](#)

TS 26.233 End-to-end transparent streaming service; General description

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
draft 2000-11-02 0 . 1 . 0 [get it](#) *remarks - general:*
SP-10 2000-12-21 1 . 0 . 0 [get it](#) *remarks - this release:*
SP-11 2001-04-10 4 . 0 . 0 [get it](#)
SP-14 2002-01-09 4 . 1 . 0 [get it](#)
SP-15 2002-03-28 4 . 2 . 0 [get it](#)

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

3GPP specification status

Page 409

16 September 2004 20:16:42

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	<i>G:</i> 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			
<hr/>						
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	<i>G:</i> yes <i>U:</i> 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			
<hr/>						
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	<i>G:</i> yes <i>U:</i> 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			
<hr/>						
TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 410

16 September 2004 20:16:42

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.

3GPP specification status

Page 411

16 September 2004 20:16:42

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.

3GPP specification status

Page 412

16 September 2004 20:16:42

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 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
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	<i>remarks - general:</i>
TP-13	2001-10-04	4	.	1	.	0	get it	<i>remarks - this release:</i>
TP-15	2002-03-25	4	.	2	.	0	get it	

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

Rel-4 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-11	2001-04-06	4	.	0	.	0	get it	<i>remarks - general:</i> GPRS
NP-16	2002-06-24	4	.	1	.	0	get it	<i>remarks - this release:</i>
NP-17	2002-09-17	4	.	2	.	0	get it	
NP-20	2003-06-23	4	.	3	.	0	get it	

edito post NP-20: 2003-07-01 4 . 3 . 1
corrects typo
(wrong version no.
on cover)

TS 27.103 Wide Area Network Synchronization

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-11	2001-04-02	4	.	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-4 *current version:* 4.1.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-11 *G:* U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-11	2001-04-02	4	.	0	.	0	get it	<i>remarks - general:</i>
TP-15	2002-03-26	4	.	1	.	0	get it	<i>remarks - this release:</i>

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

3GPP specification status

Page 413

16 September 2004 20:16:42

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

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

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

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

3GPP specification status

Page 414

16 September 2004 20:16:42

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.

3GPP specification status

Page 415

16 September 2004 20:16:42

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: yes U: yes</i>	<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>/-</i>	<i>rapporteur:</i> KYMALAINEN, Kimmo					
TeliaSonera AB									
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, 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: 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>					
correct references	2002-06-25	4 . 0 . 1	get it	<i>remarks - this release:</i>					

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

3GPP specification status

Page 416

16 September 2004 20:16:43

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 417

16 September 2004 20:16:43

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 418

16 September 2004 20:16:43

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.

3GPP specification status

Page 419

16 September 2004 20:16:43

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 *current version:* 4.3.5 *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	
edito	2002-03-20	4 . 3 . 1	get it	
edito (references etc)	2003-03-31	4 . 3 . 2	get it	
edito	2003-06-18	4 . 3 . 3	get it	Introduction - update of table explaining how the various releases of ETSI, Parlay and 3GPP OSA specifications correspond; References
edito	2004-01-14	4 . 3 . 4	get it	Introiduction - update of tables explaining 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 *current version:* 4.7.0 *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, 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	
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.

3GPP specification status

Page 420

16 September 2004 20:16:43

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:* 4.10.0 *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	
NP-25		4 . 10 . 0		

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

3GPP specification status

Page 421

16 September 2004 20:16:43

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.

3GPP specification status

Page 422

16 September 2004 20:16:43

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		
NP-12	2001-06-29	4 . 1 . 0	get it	<i>remarks - general:</i>
NP-13	2001-10-08	4 . 2 . 0	get it	<i>remarks - this release:</i>
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		<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.

3GPP specification status

Page 423

16 September 2004 20:16:43

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.

3GPP specification status

Page 424

16 September 2004 20:16:43

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:* 4.9.0 *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
NP-11	2001-03-30	4	.	0	.	0	
NP-12	2001-07-04	4	.	1	.	0	
NP-13	2001-10-05	4	.	2	.	0	
NP-14	2002-01-11	4	.	3	.	0	
NP-15	2002-03-28	4	.	4	.	0	
NP-16	2002-06-21	4	.	5	.	0	
NP-17	2002-09-18	4	.	6	.	0	
NP-18	2003-01-07	4	.	7	.	0	
NP-20	2003-06-27	4	.	8	.	0	
NP-25		4	.	9	.	0	

[get it](#) *remarks - general:* Additional rapporteur: Laura.Pomponi@CSELT.IT
[get it](#) *remarks - this release:*

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	
NP-12	2001-06-28	4	.	1	.	0	
NP-13	2001-10-03	4	.	2	.	0	
NP-14	2002-01-11	4	.	3	.	0	
NP-15	2002-03-20	4	.	4	.	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[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	
NP-13	2001-10-03	4	.	1	.	0	
NP-14	2002-01-11	4	.	2	.	0	
NP-19	2003-03-27	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.

3GPP specification status

Page 425

16 September 2004 20:16:44

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 426

16 September 2004 20:16:44

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.

3GPP specification status

Page 427

16 September 2004 20:16:44

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
freeze_meeting: TP-21 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana One

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

3GPP specification status

Page 429

16 September 2004 20:16:44

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:* 4.9.0 *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
TP-25		4	.	9	.	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](#)

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[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 access; U = required in systems with UMTS access.

3GPP specification status

Page 430

16 September 2004 20:16:44

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:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-11 2001-03-28 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 2001-07-03 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 2001-10-05 4 . 2 . 0 [get it](#)
SP-19 2003-03-31 4 . 3 . 0 [get it](#)
SP-21 2003-10-03 4 . 4 . 0 [get it](#)
SP-23 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](#) *remarks - general:* TSG#8: split into 4 parts
edito (layout and 2003-01-07 4 . 0 . 1 [get it](#) *remarks - this release:*
references)

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (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](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 2001-10-05 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-14 2002-01-11 4 . 2 . 0 [get it](#)
SP-15 2002-03-26 4 . 3 . 0 [get it](#)
SP-17 2002-09-18 4 . 4 . 0 [get it](#)
SP-18 2003-01-09 4 . 5 . 0 [get it](#)
SP-19 2003-03-31 4 . 6 . 0 [get it](#)
SP-24 2004-06-15 4 . 7 . 0 [get it](#)

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

3GPP specification status

Page 431

16 September 2004 20:16:44

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 432

16 September 2004 20:16:44

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.

3GPP specification status

Page 433

16 September 2004 20:16:44

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	<i>remarks - general:</i>		
	SP-13 2001-10-01 2 . 0 . 0		get it	<i>remarks - this release:</i>		
	SP-13 2001-10-08 4 . 0 . 0		get it			
	SP-15 2002-03-26 4 . 1 . 0		get it			
	SP-16 2002-06-20 4 . 2 . 0		get it			
	SP-17 2002-09-18 4 . 3 . 0		get it			
	SP-18 2003-01-07 4 . 4 . 0		get it			
	SP-19 2003-04-02 4 . 5 . 0		get it			
	SP-20 2003-06-09 4 . 6 . 0		get it			

TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-12	<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	<i>remarks - general:</i>	Replaces 32.106-8 (pars)	
	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			
	edito post SP-18 2003-01-13 4 . 1 . 1		get it			

TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Requirements					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-12	<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	<i>remarks - general:</i>	was 32.301-1	
	SP-12 2001-07-03 4 . 0 . 0		get it	<i>remarks - this release:</i>		
	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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 434

16 September 2004 20:16:45

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 435

16 September 2004 20:16:45

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> 4.5.0	<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-13	2001-10-05	4 . 0 . 0	get it	SP-010467
	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	
	SP-25		4 . 5 . 0		

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

3GPP specification status

Page 436

16 September 2004 20:16:45

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> 4.8.0	<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	
	SP-25		4 . 8 . 0		

TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, 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> .

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

3GPP specification status

Page 437

16 September 2004 20:16:45

ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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

TS 32.603	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution			
Rel-4	<i>current version:</i> 4.3.1	<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 32.601-3
	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	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	G: 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 32.601-4
	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			T-MOBILE DEUTSCHLAND
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	
	<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 32.602-1
	SP-12	2001-07-03	4 . 0 . 0	get it <i>remarks - this release:</i> .

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

3GPP specification status

Page 438

16 September 2004 20:16:45

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 *current version:* 4.6.0 *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 32.602-2
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 *current version:* 4.4.0 *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 32.602-3
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 *current version:* 4.3.0 *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 32.602-4
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 access; U = required in systems with UMTS access.

3GPP specification status

Page 439

16 September 2004 20:16:45

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	XML in separate file, added 2003-07-03	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	

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 441

16 September 2004 20:16:45

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.

3GPP specification status

Page 442

16 September 2004 20:16:46

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>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>freeze_meeting:</i> SP-12				
<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>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>freeze_meeting:</i> SP-12				
<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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 443

16 September 2004 20:16:46

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: yes 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: yes 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: yes 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: yes 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.

3GPP specification status

Page 444

16 September 2004 20:16:46

ACTIVE specs Rel-4 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BODEN, Bert	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, 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	SP-010233 (for approval!)
	SP-12	2001-07-03	4 . 0 . 0	get it	

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102	3G security; Security architecture				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOMMAERT, Marc	Siemens nv/sa	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice		
<i>history (event, available, version, 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	G: 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.

3GPP specification status

Page 445

16 September 2004 20:16:46

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	G: 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	G: 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	G: 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	G: 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.

3GPP specification status

Page 446

16 September 2004 20:16:46

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			
	SP-010322, ed notes in SP-010347					
<hr/>						
TR 33.901	Criteria for cryptographic Algorithm design process					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	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.

3GPP specification status

Page 447

16 September 2004 20:16:46

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, Nouhman 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

[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.

technical contents removed, is just a pointer to Rel-5 version

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

3GPP specification status

Page 448

16 September 2004 20:16:46

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 *current version:* 4.6.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

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		
RP-25		4 . 6 . 0			

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4 *current version:* 4.1.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-20	2003-06-17	4 . 0 . 0	upgrade sans CR	get it	<i>remarks - general:</i>
TP-21	2003-10-10	4 . 1 . 0		get it	<i>remarks - this release:</i>

TS 34.122 Terminal conformance specification, Radio transmission and reception (TDD)

Rel-4 *current version:* 4.10.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

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.

3GPP specification status

Page 449

16 September 2004 20:16:46

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](#)

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

3GPP specification status

Page 450

16 September 2004 20:16:46

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:

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

3GPP specification status

Page 451

16 September 2004 20:16:47

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 1: General	4.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael				
Rel-4	<i>current version:</i> 1: General								
	VODAFONE Group Plc		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice					
	<i>freeze_meeting:</i> SP-11								
	<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 2: Algorithm specification	4.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael				
Rel-4	<i>current version:</i> 2: Algorithm specification								
	VODAFONE Group Plc		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice					
	<i>freeze_meeting:</i> SP-11								
	<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 3: Implementors' test data	4.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael				
Rel-4	<i>current version:</i> 3: Implementors' test data								
	VODAFONE Group Plc		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice					
	<i>freeze_meeting:</i> SP-11								
	<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.

3GPP specification status

Page 452

16 September 2004 20:16:47

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 /- *rapporteur:* 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 /- *rapporteur:* 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 /- *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:*
edito 2001-05-02 4 . 0 . 1 [get it](#) *remarks - this release:*

TR 41.033 Lawful Interception requirements for GSM
Rel-4 *current version: 4.0.1* *WG (prime / other):* S3 /- *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-11 G: yes U: MCC: POPE, Maurice

history (event, available, version, comments):
SP-11 4 . 0 . 0 *remarks - general:*
edito 2001-05-02 4 . 0 . 1 [get it](#) *remarks - this release:*

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

3GPP specification status

Page 453

16 September 2004 20:16:47

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:* 4.12.0 *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](#)
SP-25 4 . 12 . 0

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 454

16 September 2004 20:16:47

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 455

16 September 2004 20:16:47

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 456

16 September 2004 20:16:47

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	<i>G: yes U:</i>	<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>	<i>G: yes U:</i>				
	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	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino	Skov		
	<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 2002-07-31 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	TS) as per 03.26					

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

3GPP specification status

Page 457

16 September 2004 20:16:47

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.

3GPP specification status

Page 458

16 September 2004 20:16:47

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 *current version:* 4.4.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: SP-11 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom
freeze_meeting: SP-11 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-11	2001-04-10	4	.	0	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i>
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TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN
Rel-4 *current version:* 4.6.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
freeze_meeting: SP-11 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 459

16 September 2004 20:16:47

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

freeze_meeting: SP-11

history (event, available, version, comments):

GP-03	2001-02-15	4	.	0	.	0
GP-04	2001-04-20	4	.	1	.	0
GP-07	2002-01-04	4	.	2	.	0
GP-08	2002-02-19	4	.	3	.	0
GP-14	2003-04-25	4	.	4	.	0
GP-19	2004-05-06	4	.	5	.	0

WG (prime / other): G1 / - *rapporteur:* LEPPISAARI, Arto

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version, comments):

NP-08	2000-06-23	4	.	0	.	0
NP-09	2000-10-12	4	.	1	.	0
edito	2000-10-24	4	.	1	.	1
NP-10	2001-01-02	4	.	2	.	0
edito	2002-06-17	4	.	2	.	1
edito	2002-06-28	4	.	2	.	2
NP-21	2003-10-08	4	.	3	.	0
NP-25		4	.	4	.	0

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

Nortel Networks (USA)

G: yes U:

MCC: JURISIC, Andrijana

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version, comments):

NP-08	2000-06-23	4	.	0	.	0
NP-09	2000-10-12	4	.	1	.	0
edito	2002-06-28	4	.	1	.	1
NP-10	2001-01-03	4	.	2	.	0
edito	2002-06-06	4	.	2	.	1
Note 1 to 9 and Note 2 to 10 in fig. 4	2002-06-27	4	.	2	.	2
NP-21	2003-10-08	4	.	3	.	0
NP-25		4	.	4	.	0

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

Nortel Networks (USA)

G: yes U:

MCC: JURISIC, Andrijana

[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 access; U = required in systems with UMTS access.

3GPP specification status

Page 460

16 September 2004 20:16:47

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

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

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.

3GPP specification status

Page 461

16 September 2004 20:16:47

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.

3GPP specification status

Page 462

16 September 2004 20:16:48

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.

3GPP specification status

Page 463

16 September 2004 20:16:48

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>			
<hr/>						
TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)					
Rel-4	<i>current version:</i> 4.11.0	<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				
<hr/>						
TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, 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>			
<hr/>						
TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 464

16 September 2004 20:16:48

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 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
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:*
remarks - this release:

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

Rel-4 *current version:* 4.18.0 *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-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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 465

16 September 2004 20:16:48

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 (SNDP)				
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-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			
	NP-25 4 . 3 . 0				
<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 2000-09-06 4 . 0 . 0	get it	<i>remarks - general:</i>		
	format		<i>remarks - this release:</i>		
	NP-09 2000-10-12 4 . 1 . 0	get it			
	edito 2000-10-24 4 . 1 . 1	get it			
	NP-12 2001-06-29 4 . 2 . 0	get it			
	NP-16 2002-06-19 4 . 3 . 0	get it			
<hr/>					
TS 44.069	Broadcast Call Control (BCC) protocol				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-11	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			

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3GPP specification status

Page 466

16 September 2004 20:16:48

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:*
[get it](#) *remarks - this release:*
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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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3GPP specification status

Page 467

16 September 2004 20:16:48

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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remarks - this release:

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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

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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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remarks - this release:

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

3GPP specification status

Page 468

16 September 2004 20:16:48

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

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3GPP specification status

Page 469

16 September 2004 20:16:48

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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3GPP specification status

Page 470

16 September 2004 20:16:49

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:	MCC: 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				

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:	MCC: 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>			

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 Skov		MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: 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>			

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:	MCC: 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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3GPP specification status

Page 471

16 September 2004 20:16:49

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:	<i>MCC:</i> 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:	<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 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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:	<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 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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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3GPP specification status

Page 472

16 September 2004 20:16:49

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>

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

3GPP specification status

Page 473

16 September 2004 20:16:49

ACTIVE specs Rel-4 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-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 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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:	<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 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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:	<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>		

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

3GPP specification status

Page 474

16 September 2004 20:16:49

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>

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

3GPP specification status

Page 475

16 September 2004 20:16:49

ACTIVE specs Rel-4 46 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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	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 46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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	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 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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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3GPP specification status

Page 476

16 September 2004 20:16:49

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 Rel-5 CR undone. Effectively reverts to [get it](#)
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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3GPP specification status

Page 477

16 September 2004 20:16:49

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 *current version:* 4.0.0 *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 [get it](#) *remarks - general:*
remarks - this release:

TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
Rel-4 *current version:* 4.10.0 *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):
08.08 to 3G format 2000-08-11 4 . 0 . 0 [get it](#) *remarks - general:*
GP-01 2000-10-11 4 . 1 . 0 [get it](#) *remarks - this release:*
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 *current version:* 4.0.0 *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 [get it](#) *remarks - general:*
remarks - this release:

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

3GPP specification status

Page 478

16 September 2004 20:16:49

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	
	<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	
	<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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3GPP specification status

Page 479

16 September 2004 20:16:49

ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.031 Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification
Rel-4 *current version:* 4.1.0 *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 [get it](#) *remarks - general:*
GP-05 2001-06-18 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 48.051 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects
Rel-4 *current version:* 4.1.0 *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 [get it](#) *remarks - general:*
GP-07 2002-01-08 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 48.052 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles
Rel-4 *current version:* 4.0.1 *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 [get it](#) *remarks - general:*
edito 2001-05-15 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 48.054 Base Station Controller - Base Tranceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits
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:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 2001-05-04 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 48.056 Base Station Controller - Base Tranceiver Station (BSC - BTS) interface; Layer 2 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:* 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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3GPP specification status

Page 480

16 September 2004 20:16:49

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>		Cover sheet still shows version 4.0.0 and wrong date.
	editorial pody GP-08 2002-03-20 4 . 1 . 1	get it			

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			

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3GPP specification status

Page 481

16 September 2004 20:16:50

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 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 2001-04-04 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 2002-06-25 4 . 0 . 1 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
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:*
draft 2002-06-17 4 . 0 . 1 [get it](#) *remarks - this release:*
NP-19 2003-03-24 4 . 1 . 0 [get it](#)

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

Rel-4 *current version:* 4.4.0 *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 [get it](#) *remarks - general:*
edito 2001-10-03 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-06 2001-09-14 4 . 1 . 0 [get it](#)
edito 2001-10-03 4 . 1 . 1 [get it](#)
GP-07 2002-01-08 4 . 2 . 0 [get it](#)
GP-10 2002-07-19 4 . 3 . 0 [get it](#)
GP-19 2004-05-06 4 . 4 . 0 [get it](#)

Rel-4 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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3GPP specification status

Page 482

16 September 2004 20:16:50

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.

3GPP specification status

Page 483

16 September 2004 20:16:50

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

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G3new/ S1 / *rporteur:* 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.
remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

3GPP specification status

Page 484

16 September 2004 20:16:50

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.

3GPP specification status

Page 485

16 September 2004 20:16:50

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> 4.4.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> 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		
	TP-21	2003-09-29	4 . 2 . 0		get it				
	TP-22	2004-01-12	4 . 3 . 0		get it		TS 102 223 Rel-4 (via a CR to 11.14 R99).		
	TP-25		4 . 4 . 0						
<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.

3GPP specification status

Page 486

16 September 2004 20:16:50

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 Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

[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 Skov
G: yes U: *MCC:* USAI, Paolino

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

TS 52.022 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 487

16 September 2004 20:16:50

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> 8.14.0		WG (<i>prime / other</i>):	SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		G: yes U:		MCC: POPE, Maurice	
<i>history (event, available, version, 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	Alignment with 21.101: 1.1.0.	get it	
	smg-31b		2 . 0 . 0			
	smg-32	2000-06-20	8 . 0 . 0		get it	
	SP-10	2001-01-04	8 . 1 . 0		get it	
	SP-12	2001-07-05	8 . 2 . 0		get it	
	SP-13	2001-10-01	8 . 3 . 0		get it	
	SP-14	2002-01-03	8 . 4 . 0		get it	
	SP-15	2002-03-27	8 . 5 . 0		get it	
	SP-16	2002-06-19	8 . 6 . 0		get it	
	SP-17	2002-09-18	8 . 7 . 0		get it	
	SP-18	2003-01-03	8 . 8 . 0		get it	
	SP-19	2003-03-27	8 . 9 . 0		get it	
	SP-20	2003-06-25	8 . 10 . 0		get it	
	SP-21	2003-09-26	8 . 11 . 0		get it	
	editorial	2003-09-30	8 . 11 . 1		get it	
	SP-23	2004-04-02	8 . 12 . 0		get it	
	SP-24	2004-06-24	8 . 13 . 0		get it	
	SP-25		8 . 14 . 0		get it	

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

3GPP specification status

Page 488

16 September 2004 20:16:50

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:	MCC: 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:	MCC: 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:	MCC: 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:	MCC: 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.

3GPP specification status

Page 489

16 September 2004 20:16:50

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	get it	<i>remarks - general:</i>	SMG9->T3@#31		
	delayed awaiting 11.14		<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.

3GPP specification status

Page 490

16 September 2004 20:16:50

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	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / S3	<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>					
	Upgrade to R99 2000-05-17 8 . 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					
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>					
	upgrade to R99 2000-11-16 8 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30			
	ETSI publication 2001-07-20 8 . 0 . 1	get it	<i>remarks - this release:</i> Nov-00: Created to fill the gap.			
<hr/>						
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POIRAUD, Patrick	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 2000-05-01 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 2000-10-17 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R99	<i>current version:</i> 8.1.0	<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>					
	smg-31 2000-11-30 8 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 2001-01-12 8 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R99	<i>current version:</i> 8.1.0	<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>					
	Upgrade to R99 2000-05-10 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 2000-10-17 8 . 0 . 1	get it	<i>remarks - this release:</i> . 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.

3GPP specification status

Page 491

16 September 2004 20:16:50

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 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-29 2 . 0 . 0 *remarks - general:*
SP-07 2000-03-17 8 . 0 . 0 *remarks - this release:*
ETSI publication 2002-07-30 8 . 0 . 1 ETSI publication only - 3GPP use 8.0.0 [get it](#)
(not for 3GPP [get it](#)
server)

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1
R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
SP-07 2000-03-17 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05 Technical performance objectives
R99 *current version:* 8.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types
R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-29 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
NP-06 1999-12-17 8 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 2000-10-18 8 . 2 . 0 [get it](#)
NP-10 2000-12-21 8 . 3 . 0 [get it](#)

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

3GPP specification status

Page 492

16 September 2004 20:16:51

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](#)
[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.

3GPP specification status

Page 493

16 September 2004 20:16:51

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						
<hr/>									
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator								
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels 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>					
<hr/>									
TR 03.30	Radio Network Planning Aspects								
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	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						
<hr/>									
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				

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

3GPP specification status

Page 494

16 September 2004 20:16:51

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 *current version:* 8.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-29 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 2001-10-30 8 . 0 . 1 [get it](#) *remarks - this release:*

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

R99 *current version:* 8.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-06 1999-12-17 8 . 0 . 0 (source Klehn) [get it](#) *remarks - general:*
ETSI publication 8 . 0 . 1 ETSI format only. Not for 3GPP use. *remarks - this release:*

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R99 *current version:* 8.8.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-29 1999-06-30 8 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
smg-30 1999-11-11 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-31 2000-02-16 8 . 2 . 0 [get it](#)
TP-08 2000-06-28 8 . 3 . 0 [get it](#)
TP-09 2000-10-18 8 . 4 . 0 [get it](#)
TP-11 2001-04-09 8 . 5 . 0 [get it](#)
TP-12 2001-07-06 8 . 6 . 0 [get it](#)
TP-13 2001-10-12 8 . 7 . 0 [get it](#)
TP-14 2002-01-17 8 . 8 . 0 [get it](#)

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R99 *current version:* 8.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
Upgrade to R99 2000-03-29 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 2000-09-22 8 . 0 . 1 [get it](#) *remarks - this release:* #32:8.1.0
smg-32 2000-06-20 8 . 1 . 0 [get it](#)
ETSI publication 2000-11-29 8 . 1 . 1 [get it](#)

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

3GPP specification status

Page 495

16 September 2004 20:16:51

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	current version: 8.0.1	WG (prime / other):	G1 / -	rapporteur:	GIRAUD, Alexis	ALCATEL S.A.	
	freeze_meeting: SP-06	G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version, comments):						
	Upgrade to R99 2000-03-29	8	. 0	. 0	get it	remarks - general:	
	ETSI publication 2000-09-29	8	. 0	. 1	get it	remarks - this release:	.
<hr/>							
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2						
R99	current version: 8.0.0	WG (prime / other):	S4 / NP / S2	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS	
(EUROPE)	freeze_meeting: SP-06	G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version, comments):						
	Upgrade to R99 2000-03-30	8	. 0	. 0	get it	remarks - general:	Mar00: prime responsibility txfrd to SMG11
						remarks - this release:	.
<hr/>							
TS 03.55	Dual Transfer Mode (DTM); Stage 2						
R99	current version: 8.2.0	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc	
	freeze_meeting: SP-06	G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version, comments):						
	GP-02 2001-01-05	8	. 0	. 0	get it	remarks - general:	2003-10-09: Converted from TR to TS.
	GP-16 2003-09-12	8	. 1	. 0	get it	remarks - this release:	GERAN#2: 8.0.0
	Conversion to TS (was TR) 2003-10-10	8	. 1	. 1	get it		
	GP-21	8	. 2	. 0			
<hr/>							
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)						
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom	
	freeze_meeting: SP-06	G: yes	U:	MCC:	USAI, Paolino		
	history (event, available, version, comments):						
	Upgrade to R99 2000-03-30	8	. 0	. 0	get it	remarks - general:	
						remarks - this release:	.

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3GPP specification status

Page 496

16 September 2004 20:16:51

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 *current version:* 8.12.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

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	
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 *current version:* 8.4.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
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>
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	
NP-25		8 . 4 . 0		

TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 *current version:* 8.4.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
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>
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	
NP-25		8 . 4 . 0		

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3GPP specification status

Page 497

16 September 2004 20:16:51

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	get it	<i>remarks - general:</i>
SP-11	2001-04-11	8 . 1 . 0	get it	<i>remarks - this release:</i> Need identified at TSG#7, since 23.171 does not cover GSM.
SP-12	2001-06-29	8 . 2 . 0	get it	
SP-13	2001-10-15	8 . 3 . 0	get it	
SP-14	2002-01-07	8 . 4 . 0	get it	
SP-15	2002-04-02	8 . 5 . 0	get it	
SP-16	2002-06-17	8 . 6 . 0	get it	
SP-17	2002-09-24	8 . 7 . 0	get it	
SP-23	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.

3GPP specification status

Page 498

16 September 2004 20:16:51

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			THOMASEN, Gert	
		G: yes U:	MCC:		
<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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 499

16 September 2004 20:16:51

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:	<i>MCC:</i> 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 (SMS-CB) 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:	<i>MCC:</i> 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:	<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>			
	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:	<i>MCC:</i> 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.

3GPP specification status

Page 500

16 September 2004 20:16:51

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 501

16 September 2004 20:16:51

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:</i> #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0
NP-09	2000-10-18	8	.	2	.	0	get it
NP-10	2000-12-21	8	.	3	.	0	get it

TS 04.31 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 502

16 September 2004 20:16:52

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](#) *remarks - general:*

smg-31b 2000-04-17 8 . 1 . 0

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

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](#) *remarks - general:*

ETSI publication 2000-08-29 8 . 0 . 1

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

ETSI publication 2000-08-29 8 . 0 . 1

[get it](#) *remarks - this release:* #31: 8.0.0

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

3GPP specification status

Page 503

16 September 2004 20:16:52

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 / - *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	2000-11-27	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.

3GPP specification status

Page 504

16 September 2004 20:16:52

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	<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>		
	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	<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>	24.065 existed, but scrapped since 04.65 is GSM only.	
	NP-09 2000-10-12 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-13 2001-10-02 8 . 2 . 0	get it			

TS 04.68	Group Call Control (GCC) Protocol				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> 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	<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>		

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

3GPP specification status

Page 505

16 September 2004 20:16:52

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.

[get it](#) *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

[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.

3GPP specification status

Page 506

16 September 2004 20:16:52

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

[get it](#)

remarks - general:

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remarks - this release:

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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:

[get it](#)

remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

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

3GPP specification status

Page 507

16 September 2004 20:16:52

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

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

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

3GPP specification status

Page 509

16 September 2004 20:16:52

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

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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[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

Page 510

16 September 2004 20:16:53

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 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 2000-03-30 8 . 0 . 0

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

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

TR 05.50 Background for RF Requirements

R99 *current version:* 8.2.0
freeze_meeting: SP-06
history (event, available, version, comments):
smg-30 1999-11-11 8 . 0 . 0
smg-31 2000-02-16 8 . 1 . 0
smg-31b 2000-04-17 8 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #30: 8.0.0 #31:8.1.0 #31b:8.2.0
[get it](#)

TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem

R99 *current version:* 8.0.1
freeze_meeting: SP-06
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0
ETSI Publication 2000-10-17 8 . 0 . 1

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

R99

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

R99 *current version:* 8.0.1
freeze_meeting: SP-06
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0
ETSI Publication 2000-11-15 8 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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3GPP specification status

Page 511

16 September 2004 20:16:53

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	<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> .			
<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	<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 06.07	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	<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 06.08	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	<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> .			
<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	<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>			
	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				

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3GPP specification status

Page 512

16 September 2004 20:16:53

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 *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):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels
R99 *current version:* 8.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#) *remarks - this release:* .
SP-12 2001-06-29 8 . 1 . 0 [get it](#)

TS 06.20 Half Rate Speech Transcoding
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 06.21 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publicatoin 2000-11-15 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 06.22 Comfort Noise Aspects for Half Rate Speech Traffic Channels
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 2000-11-15 8 . 0 . 1 [get it](#) *remarks - this release:* .

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3GPP specification status

Page 513

16 September 2004 20:16:53

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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3GPP specification status

Page 514

16 September 2004 20:16:53

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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3GPP specification status

Page 515

16 September 2004 20:16:53

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	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	smg-31 2000-02-16 8 . 0 . 0		get it	remarks - general:		
	ETSI Publication 2000-11-15 8 . 0 . 1		get it	remarks - this release: .		
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	smg-31 2000-02-16 8 . 0 . 0		get it	remarks - general:		
	ETSI Publication 2000-11-15 8 . 0 . 1		get it	remarks - this release: .		
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	smg-31 2000-02-16 8 . 0 . 0		get it	remarks - general:		
	ETSI Publication 2000-11-15 8 . 0 . 1		get it	remarks - this release: .		
<hr/>						
TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	SP-07 2 . 0 . 0			remarks - general: New at SMG#31. Then became 06.77; new 06.76 has new title.		
	SP-07 2000-03-17 8 . 0 . 0		get it	remarks - this release:		
	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	current version: 8.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	TELECOM ITALIA S.p.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	smg-32 2000-06-20 8 . 0 . 0		get it	remarks - general:		
	SP-11 2001-04-10 8 . 1 . 0		get it	remarks - this release: #32:8.0.0 TSG#11:8.1.0		
	edito 2001-05-03 8 . 1 . 1		get it			

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3GPP specification status

Page 517

16 September 2004 20:16:53

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		
		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>		
	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		
		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 08.04	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		
		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 08.06	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		
		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>	.	

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3GPP specification status

Page 518

16 September 2004 20:16:53

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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3GPP specification status

Page 519

16 September 2004 20:16:53

ACTIVE specs R99 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				
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	
<hr/>					
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 520

16 September 2004 20:16:53

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 *current version:* 8.1.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
Skov
THOMASEN, Gert

history (event, available, version, comments):
Upgrade to R99 2000-05-11 8 . 0 . 0 [get it](#) *remarks - general:*
GP-05 2001-06-18 8 . 1 . 0 [get it](#) *remarks - this release:* .
edito 2002-06-17 8 . 1 . 1 [get it](#)

TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
Skov
THOMASEN, Gert

history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-06-17 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.52 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
Skov
THOMASEN, Gert

history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-06-17 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits
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
Skov
THOMASEN, Gert

history (event, available, version, comments):
smg-31 2000-02-16 8 . 0 . 0 [get it](#) *remarks - general:*
edito 2002-06-17 8 . 0 . 1 [get it](#) *remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 521

16 September 2004 20:16:54

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 522

16 September 2004 20:16:54

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		WG (prime / other):	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06					Skov			
			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>	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		WG (prime / other):	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-06					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		WG (prime / other):	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06					Skov			
	<i>history (event, available, version, comments):</i>					THOMASEN, Gert			
	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 access; U = required in systems with UMTS access.

3GPP specification status

Page 523

16 September 2004 20:16:54

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

freeze_meeting: SP-06

history (event, available, version, comments):

NP-07 2000-03-15 8 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

G: yes *U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 *current version:* 8.2.0

freeze_meeting: SP-06

history (event, available, version, comments):

smg-31 2000-02-16 8 . 0 . 0

NP-10 2001-01-02 8 . 1 . 0

NP-19 2003-03-24 8 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes *U:* *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #31: 8.0.0 TSG#10:8.1.0
[get it](#)

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 *current version:* 8.7.1

freeze_meeting: SP-06

history (event, available, version, comments):

smg-31 2000-02-16 8 . 0 . 0

smg-31b 2000-04-17 8 . 1 . 0

smg-32 2000-06-20 8 . 2 . 0

GP-01 2000-09-01 8 . 3 . 0

GP-06 2001-09-14 8 . 4 . 0

GP-07 2002-01-08 8 . 5 . 0

GP-10 2002-07-19 8 . 6 . 0

GP-19 2004-05-06 8 . 7 . 0

post GP-19 editorial 2004-05-18 8 . 7 . 1 remove rev marks

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S

G: yes *U:* *MCC:* Skov
THOMASEN, Gert

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R99

10 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 524

16 September 2004 20:16:54

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	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	smg-27 2000-02-09 8 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

TR 10.59	Project scheduling and open issues for EDGE					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> MUELLER, Frank	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg2b-07 1 . 8 . 0 2b99-009			<i>remarks - general:</i>		
	smg3a- 1 . 9 . 0 2p99-099			<i>remarks - this release:</i>		
	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	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> G3new/ S1 /	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED		
	<i>freeze_meeting:</i> SP-06	NP /				
		T2 /				
		SCP				
		G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-31 2000-02-16 8 . 0 . 0		get it	<i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently replaced		
	smg-31 2000-02-16 8 . 1 . 0		get it	<i>remarks - this release:</i> #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.

3GPP specification status

Page 525

16 September 2004 20:16:54

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:* 8.9.0 *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
TP-25	8 . 9 . 0		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 526

16 September 2004 20:16:54

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	2003-06-23	8 . 9 . 1	get it	

comments in clause 11

TP-21	2003-09-30	8 . 10 . 0	get it	
TP-22	2004-01-12	8 . 11 . 0	get it	
TP-23	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	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 2003-04-16 8 . 2 . 1 [get it](#)
with correct file

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 527

16 September 2004 20:16:54

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> 8.17.0		<i>WG (prime / other):</i> T3 / -		<i>rapporteur:</i> WOODSEND, Kristian			Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-06								
			G: yes U:		MCC:	JURISIC, Andrijana			
	<i>history (event, available, version, 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	To be withdrawn at TSG#12, subsumed in 31.111	get it				
	TP-12	2001-07-06	8 . 7 . 0	Unwithdrawn!	get it				
	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				
	TP-25		8 . 17 . 0						
<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								
			G: yes U:		MCC:	JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>								
	TP-18	2003-01-02	8 . 0 . 0	Technically identical to v7.0.2	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.	
<hr/>									

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 528

16 September 2004 20:16:54

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>
				<i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 529

16 September 2004 20:16:54

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.

3GPP specification status

Page 530

16 September 2004 20:16:54

ACTIVE specs R99 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

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 531

16 September 2004 20:16:55

ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.111 USIM and IC card requirements

R99 *current version:* 3.4.0

freeze_meeting: SP-03

history (event, available, version, comments):

draft	1998-10-16	0	0	1
Transfer from smg9 to T3	1999-03-04	1	1	0
T3	1999-04-21	2	0	0
TP-03	1999-04-23	3	0	0
TP-06	1999-12-17	3	0	1
TP-07	2000-03-15	3	1	0
TP-08	2000-06-23	3	2	0
TP-09	2000-10-18	3	3	0
TP-17	2002-09-18	3	4	0

WG (prime / other): T3 / - *rapporteur:* KALINER, Stefan T-Mobile International AG

G: U: yes *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

[get it](#)
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[get it](#)

TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0

freeze_meeting: SP-03

history (event, available, version, comments):

draft	1998-08-20	0	0	1
draft	1998-10-20	1	0	0
WG approval	1998-12-20	2	0	0
SP-03	1999-04-23	3	0	0
SP-06	1999-12-17	3	1	0
SP-14	2002-01-07	3	2	0

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, PerTeliaSonera AB

G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 21.801 Specification drafting rules

R99 *current version:* 3.0.0

freeze_meeting: SP-23

history (event, available, version, comments):

SP-23	2004-04-02	3	0	0
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WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

G: yes *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
remarks - this release: Created from Rel-5 at SP-23. Previous Releases were originally covered by ETSI drafting rules. No intention to propagate "21.801" further back than R99.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 532

16 September 2004 20:16:55

ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.810 Report on multi-mode UE issues; ongoing work and identified additional work

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* 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](#)
[get it](#)
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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 533

16 September 2004 20:16:55

ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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](#) *remarks - general:* 2004-06: This spec is also applicable to GERAN systems from Rel-4 onwards, at least,
[get it](#) *remarks - this release:* so include it in that set.
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0 *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	

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)

[get it](#)
[get it](#)
[get it](#)

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](#) *remarks - general:* NP-24: txferred to N4 on closure of N2.
[get it](#) *remarks - this release:*
[get it](#)

R99

22 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 534

16 September 2004 20:16:55

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		

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		

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		

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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 536

16 September 2004 20:16:55

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.024	Description of Charge Advice Information (CAI)								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DEOL, Amar	Nortel Networks (USA)					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, 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	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-05 1999-10-30 3 . 1 . 0	get it	<i>remarks - this release:</i>						
	SP-06 1999-12-17 3 . 2 . 0	get it							
	SP-07 2000-03-17 3 . 3 . 0	get it							
	SP-09 2000-10-18 3 . 4 . 0	get it							
<hr/>									
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
	SP-18 2003-01-06 3 . 0 . 0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 ->						
	Technically identical to 02.31 v8.0.1.		<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	G: yes U: 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 02.32 (R99) and 42.032 (Rel-4 onwards).						
			<i>remarks - this release:</i> SP-16: Takes over from 02.32 R99.						

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 537

16 September 2004 20:16:55

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 538

16 September 2004 20:16:55

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	<i>G: yes U: yes</i>		<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	<i>G: yes U: yes</i>		<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	<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			
	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	<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			
					<i>remarks - this release:</i>	.			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 539

16 September 2004 20:16:55

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.071 Location Services (LCS); Stage 1

R99 *current version:* 3.5.0
freeze_meeting: SP-05
history (event, available, version, comments):
SP-05 1999-10-13 3 . 1 . 0
SP-06 1999-12-17 3 . 2 . 0
SP-09 2000-10-18 3 . 3 . 0
SP-15 2002-03-25 3 . 4 . 0
SP-23 2004-03-23 3 . 5 . 0

WG (prime / other): S1 / - *rapporteur:* DEOL, Amar Nortel Networks (USA)
G: yes U: yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 22.072 Call Deflection (CD); Stage 1

R99 *current version:* 3.0.1
freeze_meeting: SP-05
history (event, available, version, comments):
SP-05 1999-10-13 3 . 0 . 1

WG (prime / other): S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile AUSTRIA GmbH
G: yes U: yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1

R99 *current version:* 3.9.0
freeze_meeting: SP-05
history (event, available, version, comments):
SP-05 1999-10-13 3 . 1 . 0
SP-06 1999-12-17 3 . 2 . 0
SP-07 2000-03-15 3 . 3 . 0
SP-08 2000-06-28 3 . 4 . 0
edito 2000-08-09 3 . 4 . 1
SP-09 2000-10-31 3 . 5 . 0
SP-10 2001-01-08 3 . 6 . 0
SP-11 2001-04-02 3 . 7 . 0
SP-12 2001-06-27 3 . 8 . 0
SP-15 2002-03-25 3 . 9 . 0

WG (prime / other): S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK
G: yes U: yes *MCC:* CLAYTON, Michael

[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

Page 540

16 September 2004 20:16:55

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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> .	
<hr/>						
TS 22.081	Line Identification supplementary services; Stage 1					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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> .	
<hr/>						
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	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.

3GPP specification status

Page 541

16 September 2004 20:16:56

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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> .				
<hr/>							
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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	get it					
	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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3GPP specification status

Page 542

16 September 2004 20:16:56

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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, RolandT-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> .			
<hr/>							
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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>			

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 543

16 September 2004 20:16:56

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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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

[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.

3GPP specification status

Page 544

16 September 2004 20:16:56

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.105 Services and service capabilities

R99 *current version:* 3.10.0

freeze_meeting: SP-03

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

WG (prime / other): S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
G: U: yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 22.115 Service Aspects Charging and billing

R99 *current version:* 3.4.0

freeze_meeting: SP-03

history (event, available, version, 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

WG (prime / other): S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.
G: yes U: yes *MCC:* CLAYTON, Michael

[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.

3GPP specification status

Page 545

16 September 2004 20:16:56

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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
extracted from
22,121 v3,2,0

[get it](#) *remarks - general:* Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage 1".
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
and Scope

[get it](#) *remarks - this release:*

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

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SP-14 2002-01-10 3 . 6 . 0

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 546

16 September 2004 20:16:56

ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0

freeze_meeting: SP-06

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

Start of work 1999-03-04 0 . 0 . 0

Table of Contents 1999-03-04 0 . 1 . 0

and Scope

SP-03 1999-04-23 1 . 0 . 0

SP-05 1999-10-13 3 . 0 . 0

SP-06 1999-12-17 3 . 1 . 0

SP-07 2000-03-15 3 . 2 . 0

SP-08 2000-06-28 3 . 3 . 0

SP-09 2000-10-18 3 . 4 . 0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0

freeze_meeting: SP-06

WG (prime / other): S1 / - *rapporteur:* MEYER, Juergen SIEMENS AG

G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-03 1999-04-23 0 . 0 . 0

SP-05 1999-10-08 1 . 0 . 0

SP-06 1999-12-17 2 . 0 . 0

SP-08 2000-06-28 3 . 1 . 0

[get it](#) *remarks - general:* (development in T2)

[get it](#) *remarks - this release:*

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TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0

freeze_meeting: SP-05

WG (prime / other): T2 / NP *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH

G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03 1999-04-28 1 . 0 . 0

TP-05 1999-10-08 3 . 0 . 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

Page 547

16 September 2004 20:16:56

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
freeze_meeting: SP-03
history (event, available, version, comments):
Table of Contents 1997-10-19 0 . 0 . 1
and Scope
First complete draft 1997-12-19 1 . 1 . 1
WG approval 1998-02-15 2 . 0 . 0
smg-25 1998-03-20 3 . 0 . 0
SP-03 1999-04-23 3 . 1 . 1

WG (prime / other): S1 / - *rapporteur:* SCARRONE, Enrico TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 22.975 Advanced addressing

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version, comments):
Table of Contents 1997-10-17 0 . 1 . 0
and Scope
First complete draft 1997-12-19 1 . 0 . 0
WG approval 1998-02-15 2 . 0 . 0
smg-25 1998-03-20 3 . 0 . 0
SP-03 1999-04-23 3 . 0 . 1
SP-05 1999-10-13 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002 Network architecture

R99 *current version:* 3.6.0
freeze_meeting: SP-05
history (event, available, version, comments):
SP-05 1999-10-13 3 . 1 . 0
SP-06 1999-12-17 3 . 2 . 0
SP-07 2000-03-15 3 . 3 . 0
SP-10 2000-12-21 3 . 4 . 0
SP-14 2002-01-07 3 . 5 . 0
SP-17 2002-09-24 3 . 6 . 0

WG (prime / other): S2 / - *rapporteur:* MILINSKI, Alexander SIEMENS AG
G: yes *U:* yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 548

16 September 2004 20:16:56

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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

[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

Page 549

16 September 2004 20:16:56

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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[get it](#)

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

[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.

3GPP specification status

Page 550

16 September 2004 20:16:57

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 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0
edito 2000-06-06 3 . 0 . 1
NP-09 2000-10-26 3 . 1 . 0

WG (prime / other): N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 23.012 Location management procedures

R99 *current version:* 3.3.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0
NP-06 1999-12-15 3 . 1 . 0
NP-07 2000-03-15 3 . 2 . 0
CR 23.012-003r3 2000-06-05 3 . 2 . 1
removed (error)
NP-08 2000-06-23 3 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0
NP-06 1999-12-17 3 . 1 . 0
NP-17 2002-09-17 3 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
G: yes U: yes *MCC:* JURISIC, Andrijana
[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:* .
[get it](#)

TS 23.015 Technical realization of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0
NP-04 1999-06-23 3 . 1 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 551

16 September 2004 20:16:57

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

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

WG (prime / other): N4 / -

G: yes *U:* yes

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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[get it](#)

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[get it](#)

[get it](#)

TS 23.018 Basic Call Handling; Technical realization

R99 *current version:* 3.12.0

freeze_meeting: SP-03

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

WG (prime / other): N4 / -

G: yes *U:* yes

rapporteur: PARK, Ian David

MCC:

Chalmers

KYMALAINEN, Kimmo

VODAFONE LTD

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 552

16 September 2004 20:16:57

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>rporteur:</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>rporteur:</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>rporteur:</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>rporteur:</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.

3GPP specification status

Page 553

16 September 2004 20:16:57

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, evidently not.		
	TP-05 1999-10-08 3 . 2 . 0	get it			
	TP-06 1999-12-17 3 . 3 . 0	get it			
<hr/>					
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, 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.

3GPP specification status

Page 554

16 September 2004 20:16:57

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

freeze_meeting: SP-05

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes 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
TP-06	1999-12-17	3	.	1	.	0
TP-07 completion target	2000-03-15	3	.	2	.	0
TP-09	2000-10-11	3	.	3	.	0
TP-12	2001-07-04	3	.	4	.	0
TP-16	2002-06-25	3	.	5	.	0

[get it](#) *remarks - general:* Transfer>TSG#4

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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[get it](#)

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-28	1	.	0	.	0
TP-04	1999-06-23	3	.	0	.	0
TP-06	1999-12-17	3	.	1	.	0

test vectors provided 23/01/200

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.

[get it](#)

TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0

freeze_meeting: SP-06

WG (prime / other): T2 / - *rapporteur:* BRENK, Lars TTP Communications plc
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-28	1	.	0	.	0
TP-04 (MExE R98 GSM 03.57)	1999-06-18	1	.	1	.	0
TP-05	1999-10-08	1	.	5	.	0
TP-06 completed	1999-12-17	3	.	0	.	0
TP-07	2000-03-15	3	.	1	.	0
Editorial	2000-03-15	3	.	1	.	1
TP-08	2000-06-23	3	.	2	.	0
TP-09	2000-10-16	3	.	3	.	0
TP-11	2003-10-14	3	.	4	.	0

[get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.

[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

Page 555

16 September 2004 20:16:57

ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.060 General Packet Radio Service (GPRS); Service description; Stage 2

R99 *current version:* 3.16.0 *WG (prime / other):* S2 / - *rapporteur:* 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 556

16 September 2004 20:16:57

ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 current version: 3.3.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	1999-04-23	3	.	0	.	0
NP-05	1999-10-13	3	.	1	.	0
NP-06	1999-12-17	3	.	2	.	0
NP-09	2000-10-26	3	.	3	.	0

[get it](#) remarks - general:

[get it](#) remarks - this release: .

[get it](#)

[get it](#)

TS 23.078 customized Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.19.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: HOMANN, Christian ALCATEL SEL AG

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	1999-12-17	3	.	3	.	0
NP-07	2000-03-15	3	.	4	.	0
NP-08	2000-06-23	3	.	5	.	0
NP-09	2000-10-09	3	.	6	.	0
NP-10	2001-01-04	3	.	7	.	0
NP-11	2001-04-02	3	.	8	.	0
NP-12	2001-06-29	3	.	9	.	0
NP-13	2001-10-03	3	.	10	.	0
NP-14	2002-01-04	3	.	11	.	0
NP-15	2002-03-19	3	.	12	.	0
NP-16	2002-06-17	3	.	13	.	0
NP-17	2002-09-17	3	.	14	.	0
NP-18	2002-12-18	3	.	15	.	0
NP-19	2003-03-25	3	.	16	.	0
NP-20	2003-06-23	3	.	17	.	0
NP-21	2003-09-29	3	.	18	.	0
NP-23	2004-03-25	3	.	19	.	0

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remarks - general: NP-24: txferred to N4 on closure of N2.

remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 557

16 September 2004 20:16:57

ACTIVE specs R99 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

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.

3GPP specification status

Page 558

16 September 2004 20:16:58

ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.083 Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 559

16 September 2004 20:16:58

ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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	<i>G: yes U: yes</i>	<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	
<hr/>						
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	<i>G: yes U: yes</i>	<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	
<hr/>						
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	<i>G: yes U: yes</i>	<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	
<hr/>						
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	<i>G: yes U: yes</i>	<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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 560

16 September 2004 20:16:58

ACTIVE specs R99 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						
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>				
	NP-09 2000-10-26 3 . 2 . 0	get it					
<hr/>							
TS 23.094	Follow Me Stage 2						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, 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					
<hr/>							
TS 23.096	Name Identification Supplementary Service; Stage 2						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, 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> .				
<hr/>							
TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2						
R99	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, 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.

3GPP specification status

Page 562

16 September 2004 20:16:58

ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.110 UMTS Access Stratum Services and Functions

R99 *current version:* 3.4.0

freeze_meeting: SP-07

WG (prime / other): S2 / - *rapporteur:* LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND

G: yes U: yes *MCC:* 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:*

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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:*

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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

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 563

16 September 2004 20:16:58

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

freeze_meeting: SP-04

WG (prime / other): S2 / -

G: yes *U:* yes

rapporteur: DANIEL, Elizabeth

MCC: YOON, Sang-Ui

Lucent Technologies Network Systems UK

history (event, available, version, comments):

First complete draft	1999-04-23	0	.	0	.	0
SP-03	1999-04-23	1	.	0	.	0
draft	1999-06-01	1	.	0	.	1
draft	1999-06-20	2	.	0	.	0
SP-04	1999-06-23	3	.	0	.	0
SP-05	1999-10-13	3	.	1	.	0
SP-06	1999-12-17	3	.	2	.	0
SP-07	2000-03-15	3	.	3	.	0
SP-09	2000-10-19	3	.	4	.	0
SP-10	2000-12-20	3	.	5	.	0
edito	2001-02-01	3	.	5	.	1
SP-16	2002-06-18	3	.	6	.	0

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remarks - general:

remarks - this release:

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TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 *current version:* 3.10.0

freeze_meeting: SP-03

WG (prime / other): N1 / -

G: yes *U:* yes

rapporteur: HIETALAHTI, Hannu

MCC: JURISIC, Andrijana

NOKIA Corporation

history (event, available, version, comments):

NP-03	1999-04-23	3	.	0	.	0
NP-04	1999-06-23	3	.	1	.	0
features.						
editorial correction	2000-02-10	3	.	1	.	1
NP-07	2000-03-15	3	.	2	.	0
NP-08	2000-06-23	3	.	3	.	0
NP-09	2000-10-06	3	.	4	.	0
edito	2000-10-24	3	.	4	.	1
edito	2000-11-02	3	.	4	.	2
NP-10	2001-01-02	3	.	5	.	0
NP-11	2001-04-11	3	.	6	.	0
NP-12	2001-07-05	3	.	7	.	0
NP-17	2002-09-17	3	.	8	.	0
NP-18	2002-12-18	3	.	9	.	0
NP-21	2003-10-10	3	.	10	.	0

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remarks - general:

remarks - this release:

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2004-02-26: Added to the list of specs in 01.01 / 41.101 following MCC review of R98

Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in

June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo

erroneously incorporated CR.

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 564

16 September 2004 20:16:58

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	<i>current version:</i> 3.4.0	WG (prime / other):	S2 / -	<i>rapporteur:</i>	GOURRAUD, Christophe	ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	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			
	SP-07	2 . 0 . 0	SP-000089		<i>remarks - this release:</i>	from S2 to N5 at N/SP-25.			
	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	<i>current version:</i> 3.2.0	WG (prime / other):	N4 / -	<i>rapporteur:</i>	MITAMURA, Kazuo	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-07 2000-03-15	1 . 1 . 0		get it	<i>remarks - general:</i>				
	NP-07 2000-03-15	3 . 0 . 0		get it	<i>remarks - this release:</i>				
	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	<i>current version:</i> 3.1.0	WG (prime / other):	T2 / -	<i>rapporteur:</i>	LAUMEN, Josef	INFINEON TECHNOLOGIES			
	<i>freeze_meeting:</i> SP-07	G: yes	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	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.			
	TP-05 1999-10-08	0 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-06 1999-12-17	1 . 0 . 0		get it					
	TP-07 2000-03-15	2 . 0 . 0	TP-000028	get it					
	Editorial 2000-03-15	3 . 0 . 1		get it					
	TP-16 2002-06-24	3 . 1 . 0		get it					

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 565

16 September 2004 20:16:58

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>	<i>MCC:</i> YOON, Sang-Ui				
	<i>U:</i> yes						
	<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>	<i>MCC:</i> JURISIC, Andrijana				
	<i>U:</i> yes						
	<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	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>U:</i> yes						
	<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 566

16 September 2004 20:16:58

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 *current version:* 3.0.1
freeze_meeting: SP-04

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
Chalmers
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	1999-04-23	0	0	0
NP-04	1999-06-23	3	0	0
edito	2000-05-03	3	0	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

TR 23.910 Circuit switched data bearer services

R99 *current version:* 3.6.0
freeze_meeting: SP-07

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-04	1999-06-23	0	0	0
NP-05	1999-10-13	0	1	0
NP-06	1999-12-17	1	0	0
NP-07		2	0	0
NP-07	2000-03-15	3	0	0
NP-08	2000-06-23	3	1	0
NP-09	2000-10-18	3	2	0
NP-10	2000-12-22	3	3	0
NP-11	2001-04-06	3	4	0
NP-12	2001-06-28	3	5	0
NP-17	2002-09-17	3	6	0

[get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval). NP-
[get it](#) *remarks - this release:* 25: TSG CN proposing to convert to a TS.
[get it](#)

TR 23.911 Technical report on Out-of-band transcoder control

R99 *current version:* 3.0.1
freeze_meeting: SP-05

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

Creation of WI by	1999-10-13	0	0	1
WG/TB				
NP-05	1999-10-13	3	0	0
edito	2000-05-02	3	0	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 567

16 September 2004 20:16:59

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.

3GPP specification status

Page 568

16 September 2004 20:16:59

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](#)

[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

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 569

16 September 2004 20:16:59

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

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

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes *MCC:* JURISIC, Andrijana

remarks - general: Transfer>TSG#4,CR at TSG#5

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 570

16 September 2004 20:16:59

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:* 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.

3GPP specification status

Page 571

16 September 2004 20:16:59

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 *current version:* 3.6.0 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-05

G: yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: SP-03

G: yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-08

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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.

3GPP specification status

Page 572

16 September 2004 20:16:59

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 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-10 2000-12-21 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-12 2001-06-27 3 . 2 . 0 [get it](#)

TS 24.072 Call Deflection Supplementary Service; Stage 3

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

R99 *current version:* 3.7.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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-07 2000-03-15 3 . 2 . 0 [get it](#)
NP-08 2000-06-23 3 . 3 . 0 [get it](#)
NP-09 2000-10-26 3 . 4 . 0 [get it](#)
ASN.1 annex 2001-01-24 3 . 4 . 1 [get it](#)
updated
NP-12 2001-07-04 3 . 5 . 0 [get it](#)
NP-14 2002-01-10 3 . 6 . 0 [get it](#)
NP-16 2002-06-21 3 . 7 . 0 [get it](#)
editorial 2003-10-09 3 . 7 . 1 [get it](#)

TS 24.081 Line Identification Supplementary Service; Stage 3

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 1999-04-23 3 . 0 . 0 [get it](#) *remarks - general:*
NP-08 2000-06-23 3 . 1 . 0 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 573

16 September 2004 20:16:59

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 (MPTY) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 574

16 September 2004 20:16:59

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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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.

3GPP specification status

Page 575

16 September 2004 20:16:59

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

[get it](#) *remarks - general:*
remarks - this release: .

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version, 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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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R99

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.

3GPP specification status

Page 576

16 September 2004 20:16:59

ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 User Equipment (UE) radio transmission and reception (FDD)

R99 *current version:* 3.17.0

freeze_meeting: SP-05

WG (prime / other): R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd

G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, 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
Editorial	2000-03-15	3	.	2	.	1
Editorial	2000-04-25	3	.	2	.	2
RP-08	2000-06-23	3	.	3	.	0
edito	2000-07-31	3	.	3	.	1
RP-09	2000-10-13	3	.	4	.	0
edito	2000-11-10	3	.	4	.	1
RP-10	2001-01-02	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-18	2003-01-10	3	.	12	.	0
RP-19	2003-04-04	3	.	13	.	0
RP-20	2003-06-27	3	.	14	.	0
RP-21	2003-10-10	3	.	15	.	0
RP-22	2004-01-20	3	.	16	.	0
RP-23	2004-04-01	3	.	17	.	0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 577

16 September 2004 20:17:00

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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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 578

16 September 2004 20:17:00

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 579

16 September 2004 20:17:00

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.

3GPP specification status

Page 580

16 September 2004 20:17:00

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.

3GPP specification status

Page 581

16 September 2004 20:17:00

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:* 3.19.0 *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	get it	<i>remarks - general:</i>
RP-07	2000-03-17	3 . 1 . 0	get it	<i>remarks - this release:</i>
RP-08	2000-06-23	3 . 2 . 0	get it	
RP-09	2000-10-18	3 . 3 . 0	get it	
RP-10	2001-01-09	3 . 4 . 0	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	2002-01-17	3 . 8 . 0	get it	
RP-15	2002-03-19	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	
RP-20	2003-07-01	3 . 14 . 0	get it	
RP-21	2003-10-10	3 . 15 . 0	get it	
RP-22	2004-01-23	3 . 16 . 0	get it	
RP-23	2004-04-01	3 . 17 . 0	get it	
RP-24	2004-06-24	3 . 18 . 0	get it	
RP-25		3 . 19 . 0		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 583

16 September 2004 20:17:00

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

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TS 25.201 Physical layer - general description

R99 *current version:* 3.4.0

freeze_meeting: SP-05

history (event, available, version, 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

WG (prime / other): R1 / - *rapporteur:* GERSTENBERGER, Dirk Telefon AB LM Ericsson
G: U: yes *MCC:* SASAKI, Tsukasa

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 584

16 September 2004 20:17:00

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
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-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-16	2002-06-28	3	.	11	.	0
RP-17	2002-09-27	3	.	12	.	0

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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.

3GPP specification status

Page 585

16 September 2004 20:17:00

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

and Scope

RP-03 1999-04-23 1 . 0 . 0

RP-04 1999-06-23 2 . 0 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-12 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-18 3 . 4 . 0

RP-10 2000-12-22 3 . 5 . 0

RP-12 2001-06-28 3 . 6 . 0

RP-13 2001-10-08 3 . 7 . 0

RP-14 2002-01-09 3 . 8 . 0

RP-15 2002-03-29 3 . 9 . 0

RP-16 2002-06-28 3 . 10 . 0

RP-17 2002-09-27 3 . 11 . 0

WG (prime / other): R1 / - *rapporteur:* MICHEL, Jürgen SIEMENS AG
G: U: yes *MCC:* SASAKI, Tsukasa

[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

Page 586

16 September 2004 20:17:01

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

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

WG (prime / other): R1 / - *rapporteur:* WILLENEGGER, Serge QUALCOMM EUROPE S.A.R.L.
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.214 Physical layer procedures (FDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-05

history (event, available, version, 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

WG (prime / other): R1 / - *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 587

16 September 2004 20:17:01

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

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

WG (*prime / other*): R1 / -

G: U: yes

rapporteur: SUZUKI, Hidetoshi

MCC: SASAKI, Tsukasa

Panasonic Mobile Communications Co.,Ltd.

[get it](#) *remarks - general:*
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TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99 *current version:* 3.11.0

freeze_meeting: SP-05

history (event, available, version, 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

WG (*prime / other*): R1 / -

G: U: yes

rapporteur: CHAPMAN, Thomas

MCC: SASAKI, Tsukasa

SIEMENS AG

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 588

16 September 2004 20:17:01

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 / - *rapporteur:* BEALE, Martin IPWireless Inc.
G: U: yes *MCC:* SASAKI, Tsukasa

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 589

16 September 2004 20:17:01

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

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

WG (prime / other): R1 / - *rapporteur:* ANDERSON, Nicholas IPWireless Inc.
G: U: yes *MCC:* SASAKI, Tsukasa

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 590

16 September 2004 20:17:01

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

and Scope

RP-03 1999-04-23 1 . 0 . 0

RP-05 1999-10-13 3 . 0 . 0

RP-06 1999-12-12 3 . 1 . 0

RP-07 2000-03-15 3 . 2 . 0

RP-08 2000-06-23 3 . 3 . 0

RP-09 2000-10-18 3 . 4 . 0

RP-10 2000-12-22 3 . 5 . 0

RP-11 2001-04-05 3 . 6 . 0

RP-12 2001-06-28 3 . 7 . 0

RP-13 2001-10-08 3 . 8 . 0

RP-14 2002-01-09 3 . 9 . 0

RP-15 2002-03-29 3 . 10 . 0

RP-17 2002-09-27 3 . 11 . 0

RP-18 2003-01-07 3 . 12 . 0

RP-21 2003-09-29 3 . 13 . 0

WG (*prime / other*): R1 / - *rapporteur:* RUDOLF, Marian
G: U: yes MCC: SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS CORPORATION

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 591

16 September 2004 20:17:01

ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.12.0

freeze_meeting: SP-05

history (event, available, version, 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-16	2002-06-28	3	.	10	.	0
RP-17	2002-09-27	3	.	11	.	0
RP-20	2003-06-27	3	.	12	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: CZAPLA, Liliana

MCC: SASAKI, Tsukasa

INTERDIGITAL COMMUNICATIONS CORPORATION

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TS 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.11.0

freeze_meeting: SP-03

history (event, available, version, comments):

Table of Contents and Scope	1999-02-04	0	.	0	.	0
First complete draft	1999-03-04	1	.	0	.	0
WG approval	1999-04-16	2	.	0	.	0
RP-03	1999-04-23	3	.	0	.	0
RP-04	1999-06-23	3	.	1	.	0
RP-05	1999-10-13	3	.	2	.	0
RP-06	1999-12-17	3	.	3	.	0
RP-07	2000-03-15	3	.	4	.	0
RP-08	2000-06-30	3	.	5	.	0
RP-09	2000-10-16	3	.	6	.	0
RP-11	2001-03-27	3	.	7	.	0
RP-12	2001-06-19	3	.	8	.	0
RP-14	2002-01-04	3	.	9	.	0
RP-16	2002-06-17	3	.	10	.	0
RP-17	2002-09-18	3	.	11	.	0

WG (prime / other): R2 / -

G: U: yes

rapporteur: EKEMARK, Sven

MCC: ARZELIER, Claude

Telefon AB LM Ericsson

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 592

16 September 2004 20:17:01

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

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

WG (prime / other): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 593

16 September 2004 20:17:01

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

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

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J Nokia Research Center
G: U: yes *MCC:* ARZELIER, Claude

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 594

16 September 2004 20:17:01

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
RP-03	1999-04-23	1	.	0	.	0
RP-04	1999-06-23	1	.	2	.	0
RP-05	1999-10-13	3	.	0	.	0
RP-06	1999-12-12	3	.	1	.	0
RP-07	2000-03-15	3	.	2	.	0
RP-08	2000-06-23	3	.	3	.	0
RP-09	2000-10-16	3	.	4	.	0
RP-10	2000-12-22	3	.	5	.	0
RP-11	2001-03-27	3	.	6	.	0
RP-12	2001-06-27	3	.	7	.	0
RP-13	2001-10-02	3	.	8	.	0
RP-14	2002-01-04	3	.	9	.	0
RP-15	2002-03-19	3	.	10	.	0
RP-16	2002-06-17	3	.	11	.	0
RP-18	2003-01-08	3	.	12	.	0
RP-20	2003-06-25	3	.	13	.	0
RP-23	2004-03-24	3	.	14	.	0

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 595

16 September 2004 20:17:02

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
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-16	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
RP-11	2001-03-27	3	.	5	.	0
RP-12	2001-06-19	3	.	6	.	0
RP-14	2002-01-04	3	.	7	.	0
RP-15	2002-03-19	3	.	8	.	0
RP-20	2003-06-20	3	.	9	.	0
RP-21	2003-10-02	3	.	10	.	0
RP-22	2004-01-12	3	.	11	.	0

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remarks - general: Created from 25.923

remarks - this release:

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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
RP-12	2001-06-19	3	.	2	.	0
RP-13	2001-10-02	3	.	3	.	0
RP-14	2002-01-04	3	.	4	.	0
RP-15	2002-03-19	3	.	5	.	0
RP-16	2002-06-17	3	.	6	.	0
RP-18	2003-01-08	3	.	7	.	0
RP-20	2003-06-20	3	.	8	.	0
RP-21	2003-10-02	3	.	9	.	0
RP-22	2004-01-12	3	.	10	.	0

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remarks - general: Converted from TR 25.926 at TSG#10.

remarks - this release: Converted from TR 25.926 v3.2.0 Nov 00.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 598

16 September 2004 20:17:02

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

Page 599

16 September 2004 20:17:02

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 / -

G: *U:* yes

rapporteur: HANS, Martin

MCC: ARZELIER, Claude

INFINEON TECHNOLOGIES

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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 / -

G: *U:* yes

rapporteur: HARTL, Mike

MCC: ARZELIER, Claude

Vodafone D2 GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 601

16 September 2004 20:17:02

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 602

16 September 2004 20:17:02

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.

3GPP specification status

Page 603

16 September 2004 20:17:02

ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.412 UTRAN Iu interface signalling transport

R99 *current version:* 3.6.0

freeze_meeting: SP-04

history (event, available, version, 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 604

16 September 2004 20:17:03

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 605

16 September 2004 20:17:03

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 606

16 September 2004 20:17:03

ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.415 UTRAN Iu interface user plane protocols

R99 *current version:* 3.12.0

freeze_meeting: SP-05

history (event, available, version, 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

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.

3GPP specification status

Page 607

16 September 2004 20:17:03

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

Page 608

16 September 2004 20:17:03

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:*
[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

Page 609

16 September 2004 20:17:03

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	get it	ASN.1 editorials
post RP-24 edito	2004-07-22	3 . 14 . 2	get it	Correction of typo in history box.

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 610

16 September 2004 20:17:03

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

Page 611

16 September 2004 20:17:03

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	<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-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	<i>remarks - general:</i>
RP-04	1999-06-23	0	.	2	.	1		get it	<i>remarks - this release:</i>
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.

3GPP specification status

Page 612

16 September 2004 20:17:03

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0

freeze_meeting: SP-04

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	1999-01-15	0	.	0	.	0
WG/TB						
RP-04	1999-06-23	3	.	0	.	0
RP-11	2001-04-06	3	.	1	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0

freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* 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:*
[get it](#) *remarks - this release:* .

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 613

16 September 2004 20:17:04

ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN lub interface NBAP signalling

R99 *current version:* 3.14.1

freeze_meeting: SP-06

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	1	.	0	.	2
RP-05	1999-10-13	1	.	3	.	0
RP-06	1999-12-12	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-08	2000-06-23	3	.	2	.	0
RP-09	2000-10-05	3	.	3	.	0
RP-10	2000-12-22	3	.	4	.	0
edito	2001-02-01	3	.	4	.	1
RP-11	2001-04-06	3	.	5	.	0
RP-12	2001-07-06	3	.	6	.	0
RP-13	2001-10-12	3	.	7	.	0
RP-14	2002-01-11	3	.	8	.	0
RP-15	2002-04-04	3	.	9	.	0
RP-16	2002-07-19	3	.	10	.	0
RP-17	2002-09-30	3	.	11	.	0
RP-18	2003-01-03	3	.	12	.	0
RP-19	2003-03-31	3	.	13	.	0
RP-21	2003-09-30	3	.	14	.	0
RP-24	2004-06-18	3	.	14	.	1

ASN.1 editorials

WG (*prime / other*): R3 / -

G: U: yes

rapporteur: SEHEDIC, Yann

MCC:

Nortel Networks Germany GmbH & Co. KG

CALDENHOVEN, Juergen

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 614

16 September 2004 20:17:04

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	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-05	1999-10-13	3 . 1 . 0	get it	
RP-07	2000-03-15	3 . 2 . 0	get it	
RP-09	2000-10-05	3 . 3 . 0	get it	
RP-10	2000-12-21	3 . 4 . 0	get it	
RP-11	2001-04-06	3 . 5 . 0	get it	
RP-14	2002-01-11	3 . 6 . 0	get it	
RP-15	2002-04-02	3 . 7 . 0	get it	
RP-16	2002-06-28	3 . 8 . 0	get it	

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99 *current version:* 3.11.0 *WG (prime / other):* R3 / - *rapporteur:* STOJANOVSKI, Saso NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

RP-03	1999-04-23	0 . 1 . 0	get it	<i>remarks - general:</i>
RP-04	1999-06-23	0 . 2 . 1	get it	<i>remarks - this release:</i>
RP-05	1999-10-13	3 . 0 . 0	get it	
RP-06	1999-12-12	3 . 1 . 0	get it	
RP-07	2000-03-15	3 . 2 . 0	get it	
RP-08	2000-06-23	3 . 3 . 0	get it	
RP-09	2000-10-10	3 . 4 . 0	get it	
RP-10	2000-12-21	3 . 5 . 0	get it	
RP-11	2001-04-06	3 . 6 . 0	get it	
RP-12	2001-07-06	3 . 7 . 0	get it	
RP-13	2001-10-12	3 . 8 . 0	get it	
RP-14	2002-01-11	3 . 9 . 0	get it	
RP-15	2002-04-02	3 . 10 . 0	get it	
RP-22	2004-01-13	3 . 11 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 615

16 September 2004 20:17:04

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	G: U: 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	G: U: 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	G: U: 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 2 . 0 . 0 RP-030645		<i>remarks - this release:</i> 2003-11-28: WG Chairman intends that this be brought under change control at RP-22.		
	RP-22 2004-01-14 3 . 0 . 0	get it			

TR 25.853	Delay budget within the access stratum				
R99	<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	G: U: 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 616

16 September 2004 20:17:04

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 *current version:* 3.11.0

freeze_meeting: SP-06

WG (prime / other): R2 / -

rapporteur: BARRETO, Luis

NOKIA Corporation

G: U: yes

MCC: ARZELIER, Claude

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-05	1999-10-13	1	.	3	.	0
RP-06	1999-12-12	3	.	0	.	0
RP-07	2000-03-15	3	.	1	.	0
RP-10	2000-12-20	3	.	2	.	0
RP-11	2001-03-27	3	.	3	.	0
RP-12	2001-06-19	3	.	4	.	0
RP-13	2001-10-02	3	.	5	.	0
RP-14	2002-01-04	3	.	6	.	0
RP-15	2002-03-19	3	.	7	.	0
RP-18	2003-01-13	3	.	8	.	0
RP-21	2003-10-02	3	.	9	.	0
RP-23	2004-03-26	3	.	10	.	0
RP-24	2004-06-17	3	.	11	.	0

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remarks - this release:

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TR 25.922 Radio resource management strategies

R99 *current version:* 3.8.0

freeze_meeting: SP-06

WG (prime / other): R2 / -

rapporteur: HUS, Olivier

Philips Research Laboratories

G: U: yes

MCC: ARZELIER, Claude

history (event, available, version, comments):

First complete draft	1999-03-04	0	.	0	.	0
RP-03	1999-04-23	0	.	1	.	1
RP-04	1999-06-23	0	.	2	.	0
RP-05	1999-10-13	0	.	5	.	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	2000-10-16	3	.	3	.	0
RP-10	2000-12-20	3	.	4	.	0
RP-11	2001-03-27	3	.	5	.	0
RP-13	2001-10-02	3	.	6	.	0
RP-15	2002-03-19	3	.	7	.	0
RP-23	2004-03-24	3	.	8	.	0

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remarks - general:

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 617

16 September 2004 20:17:04

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:*

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TR 25.931 UTRAN Functions, examples on signalling procedures

R99 *current version:* 3.7.0

freeze_meeting: SP-07

history (event, available, version, 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-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

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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.

3GPP specification status

Page 618

16 September 2004 20:17:04

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>freeze_meeting:</i> RP-06								
	<i>history (event, available, version, comments):</i>								
	RP-03	1999-04-23	0	0	1				
	RP-04	1999-06-23	1	0	0		get it	<i>remarks - general:</i>	
	RP-05	1999-10-13	3	0	0		get it	<i>remarks - this release:</i>	
	RP-06	1999-12-17	3	1	0		get it		

WG (prime / other): R4 / - *rapporteur:* TAKAMI, Tadao NTT DoCoMo Inc
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

TR 25.942	Radio Frequency (RF) system scenarios								
R99	<i>current version:</i> 3.3.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, comments):</i>								
	RP-03	1999-04-23	0	0	2				
	RP-04	1999-06-23	1	0	0		get it	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.
	RP-05	1999-10-13	2	0	0		get it	<i>remarks - this release:</i>	
	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		

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

TR 25.944	Channel coding and multiplexing examples								
R99	<i>current version:</i> 3.5.0								
	<i>freeze_meeting:</i> SP-07								
	<i>history (event, available, version, comments):</i>								
	editor's draft	1999-11-25	0	0	1				
	R1-09	1999-12-15	1	0	0		get it	<i>remarks - general:</i>	Created Jan 2000 (aka R1.04)
	RP-07	2000-03-16	3	0	0		get it	<i>remarks - this release:</i>	
	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		

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: U: yes *MCC:* SASAKI, Tsukasa

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 619

16 September 2004 20:17:04

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 *remarks - general:*
RP-18 2003-01-13 3 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - this release:* Pointer to latest release version.
RP-22 2004-01-12 3 . 1 . 0 [get it](#)

R99 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-03 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 1999-10-13 3 . 0 . 1 [get it](#)

TS 26.073 AMR speech Codec; C-source code
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-04 1999-06-23 0 . 1 . 0 [get it](#) *remarks - general:*
SP-03 1999-04-23 0 . 1 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 1 . 0 . 0 [get it](#)
SP-06 1999-12-17 3 . 0 . 0 [get it](#)
SP-07 2000-03-15 3 . 1 . 0 [get it](#)
SP-11 2001-04-10 3 . 2 . 0 [get it](#)
SP-14 2002-01-09 3 . 3 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 620

16 September 2004 20:17:04

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.

3GPP specification status

Page 621

16 September 2004 20:17:05

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.

3GPP specification status

Page 622

16 September 2004 20:17:05

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 623

16 September 2004 20:17:05

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 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-03 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:*
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 3 . 0 . 1 [get it](#)
SP-11 2001-07-04 3 . 1 . 0 [get it](#)

TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-03 1999-04-26 1 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#5
SP-04 1999-06-23 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 1999-10-13 3 . 0 . 2 [get it](#)
SP-06 1999-12-15 3 . 1 . 0 [get it](#)
SP-08 2000-06-28 3 . 2 . 0 [get it](#)
SP-09 2000-10-10 3 . 3 . 0 [get it](#)
SP-10 2000-12-21 3 . 4 . 0 [get it](#)

TS 26.131 Terminal acoustic characteristics for telephony; Requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-06 *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-05 1999-10-13 0 . 0 . 0 [get it](#) *remarks - general:*
SP-06 1999-12-17 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-08 2000-06-28 3 . 1 . 0 [get it](#)
SP-11 2001-04-10 3 . 2 . 0 [get it](#)
SP-13 2001-10-02 3 . 3 . 0 [get it](#)
SP-17 2002-09-24 3 . 4 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 624

16 September 2004 20:17:05

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	G: U: yes	MCC: 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			
<hr/>						
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC: 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	3 . 1 . 0	get it			
	version number					
	SP-06 1999-12-17	3 . 2 . 0	get it			
	edito 2000-10-10	3 . 2 . 1	get it			
	SP-10 2000-12-21	3 . 3 . 0	get it			
	SP-19 2003-04-04	3 . 4 . 0	get it			
<hr/>						
TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-07	G: U: yes	MCC: 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.

3GPP specification status

Page 625

16 September 2004 20:17:05

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](#)

[get it](#)

R99

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.

3GPP specification status

Page 626

16 September 2004 20:17:05

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 627

16 September 2004 20:17:05

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	get it <i>remarks - general:</i>
NP-04	1999-06-23	3	.	1	.	0	get it <i>remarks - this release:</i>
NP-06	1999-12-17	3	.	2	.	0	get it
NP-07	2000-03-15	3	.	3	.	0	get it
NP-08	2000-06-23	3	.	4	.	0	get it
NP-09	2000-10-12	3	.	5	.	0	get it

TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

R99 *current version:* 3.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	1999-04-28	1	.	0	.	0	get it <i>remarks - general:</i>
TP-04	1999-06-18	3	.	0	.	0	get it <i>remarks - this release: .</i>
TP-06	1999-12-17	3	.	1	.	0	get it
TP-16	2002-06-25	3	.	2	.	0	get it

TS 27.007 AT command set for 3G User Equipment (UE)

R99 *current version:* 3.13.0 *WG (prime / other):* T2 / - *rapporteur:* 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	get it <i>remarks - general:</i>
TP-04	1999-06-18	3	.	1	.	0	get it <i>remarks - this release:</i>
TP-05	1999-10-08	3	.	2	.	0	get it
TP-06	1999-12-17	3	.	3	.	0	get it
TP-07	2000-03-15	3	.	4	.	0	get it
TP-08	2000-06-23	3	.	5	.	0	get it
TP-09	2000-10-11	3	.	6	.	0	get it
TP-10	2001-01-04	3	.	7	.	0	get it
TP-11	2001-04-06	3	.	8	.	0	get it
TP-12	2001-07-04	3	.	9	.	0	get it
TP-14	2002-01-11	3	.	10	.	0	get it
TP-15	2002-03-29	3	.	11	.	0	get it
TP-18	2002-12-20	3	.	12	.	0	get it
TP-19	2003-03-31	3	.	13	.	0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 628

16 September 2004 20:17:05

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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: SP-05

G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, 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.

3GPP specification status

Page 629

16 September 2004 20:17:05

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:* .
[get it](#)
[get it](#)

TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0
freeze_meeting: SP-05

WG (prime / other): T2 / - *rapporteur:* 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:* .

R99

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.

3GPP specification status

Page 630

16 September 2004 20:17:06

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	2001-01-31	3 . 7 . 2	get it	
figures legible				
NP-11	2001-04-06	3 . 8 . 0	get it	
NP-12	2001-07-06	3 . 9 . 0	get it	
NP-13	2001-10-03	3 . 10 . 0	get it	
NP-14	2002-01-18	3 . 11 . 0	get it	
NP-15	2002-04-04	3 . 12 . 0	get it	
NP-16	2002-06-21	3 . 13 . 0	get it	
NP-17	2002-09-24	3 . 14 . 0	get it	
NP-18	2003-01-09	3 . 15 . 0	get it	
NP-19	2003-04-07	3 . 16 . 0	get it	
NP-20	2003-07-04	3 . 17 . 0	get it	delayed availability due to complexity of changes
NP-21	2003-10-09	3 . 18 . 0	get it	
NP-23	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.

3GPP specification status

Page 631

16 September 2004 20:17:06

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	get it	<i>remarks - general:</i>
post-SP-04	1999-05-27	3 . 1 . 0	get it	<i>remarks - this release:</i>
NP-05	1999-10-13	3 . 2 . 0	get it	
NP-06	1999-12-17	3 . 3 . 0	get it	
NP-07	2000-03-15	3 . 4 . 0	get it	
NP-08	2000-06-23	3 . 5 . 0	get it	
NP-09	2000-10-12	3 . 6 . 0	get it	
NP-10	2000-12-22	3 . 7 . 0	get it	
NP-11	2001-03-29	3 . 8 . 0	get it	
NP-14	2002-01-11	3 . 9 . 0	get it	
NP-16	2002-06-24	3 . 10 . 0	get it	
NP-18	2003-01-06	3 . 11 . 0	get it	
NP-20	2003-06-23	3 . 12 . 0	get it	
NP-21	2003-10-01	3 . 13 . 0	get it	
NP-22	2004-01-22	3 . 14 . 0	get it	
NP-24	2004-06-18	3 . 15 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 632

16 September 2004 20:17:06

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.

3GPP specification status

Page 633

16 September 2004 20:17:06

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 *current version:* 3.1.0 *WG (prime / other):* N1 / - *rapporteur:* DAWES, Peter VODAFONE LTD
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](#) *remarks - general:*
NP-09 2000-10-06 3 . 1 . 0 [get it](#) *remarks - this release:*

TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 *current version:* 3.11.0 *WG (prime / other):* N1 / - *rapporteur:* DAWES, Peter VODAFONE LTD
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](#) *remarks - general:*
NP-04 1999-06-23 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 1999-10-13 3 . 2 . 0 [get it](#)
NP-07 2000-03-15 3 . 3 . 0 [get it](#)
NP-09 2000-10-23 3 . 4 . 0 [get it](#)
edito 2000-10-31 3 . 4 . 1 [get it](#)
NP-10 2001-01-02 3 . 5 . 0 [get it](#)
NP-11 2001-04-06 3 . 6 . 0 [get it](#)
NP-13 2001-10-03 3 . 7 . 0 [get it](#)
NP-14 2002-01-04 3 . 8 . 0 [get it](#)
NP-15 2002-03-21 3 . 9 . 0 [get it](#)
NP-16 2002-06-26 3 . 10 . 0 [get it](#)
NP-21 2003-10-10 3 . 11 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 634

16 September 2004 20:17:06

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 *current version:* 3.19.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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	1999-12-15	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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 635

16 September 2004 20:17:06

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: yes U: yes</i>	<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.

3GPP specification status

Page 636

16 September 2004 20:17:06

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	<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-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	<i>MCC:</i> 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.

3GPP specification status

Page 637

16 September 2004 20:17:06

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						
	<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.

3GPP specification status

Page 638

16 September 2004 20:17:06

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

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.

[get it](#) *remarks - this release:* TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.

TP-05	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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 639

16 September 2004 20:17:07

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:*

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:
[get it](#) *remarks - this release:* Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.

[get it](#)
[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 640

16 September 2004 20:17:07

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 *current version:* 3.13.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: SP-07 One

G: yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-06	1999-12-17	1	.	0	.	0
TP-07	2000-03-15	3	.	0	.	0
TP-08	2000-06-23	3	.	1	.	0
TP-09	2000-10-18	3	.	2	.	0
TP-10	2001-01-05	3	.	3	.	0
TP-11	2001-04-09	3	.	4	.	0
TP-12	2001-07-06	3	.	5	.	0
TP-13	2001-10-12	3	.	6	.	0
TP-14	2002-01-16	3	.	7	.	0
TP-16	2002-06-28	3	.	8	.	0
TP-18	2003-01-02	3	.	9	.	0
TP-19	2003-04-04	3	.	10	.	0
TP-22	2004-01-12	3	.	11	.	0
TP-23	2004-03-25	3	.	12	.	0
TP-25		3	.	13	.	0

[get it](#) *remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.
remarks - this release:

TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

R99 *current version:* 3.0.0 *WG (prime / other):* T3 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

TP-09	2000-10-18	1	.	0	.	0
TP-10	2001-01-05	3	.	0	.	0

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP
remarks - this release: TP-11:moved to ETSI-SCP. TP-12: reinstated.

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 641

16 September 2004 20:17:07

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:* 3.10.0 *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	
TP-25		3 . 10 . 0		

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 642

16 September 2004 20:17:07

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.

3GPP specification status

Page 643

16 September 2004 20:17:07

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.

3GPP specification status

Page 644

16 September 2004 20:17:07

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:* 3.9.0 *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
SP-25		3	.	9	.	0		

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.

3GPP specification status

Page 645

16 September 2004 20:17:07

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 /- *rporteur:* 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

[get it](#) *remarks - general:* TSG#8: split into eight parts
remarks - this release: TSG#8: multipart split from parent 3.0.1

SP-10 2000-12-21 3 . 2 . 0

[get it](#)

SP-11 2001-04-05 3 . 3 . 0

[get it](#)

TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)

R99 *current version: Solution Set (SS)* 3.2.1 *WG (prime / other):* S5 /- *rporteur:* 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

[get it](#) *remarks - general:* TSG#8: split into eight parts
remarks - this release: TSG#8: multipart split from parent 3.0.1

SP-14 2002-01-11 3 . 2 . 0

[get it](#)

editorial after SP-17 2002-09-18 3 . 2 . 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 /- *rporteur:* 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

[get it](#) *remarks - general:* TSG#8: split into eight parts

SP-10 2000-12-21 3 . 0 . 0

[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)

SP-11 2001-04-05 3 . 1 . 0

[get it](#)

SP-12 2001-07-03 3 . 2 . 0

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 646

16 September 2004 20:17:07

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	MCC:	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	MCC:	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	MCC:	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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 647

16 September 2004 20:17:07

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.

3GPP specification status

Page 648

16 September 2004 20:17:08

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

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.

3GPP specification status

Page 649

16 September 2004 20:17:08

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:

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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:

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 650

16 September 2004 20:17:08

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> U: yes	<i>MCC:</i> POPE, Maurice			
	<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> U: yes	<i>MCC:</i> POPE, Maurice			
	<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> U: yes	<i>MCC:</i> POPE, Maurice			
	<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.

3GPP specification status

Page 651

16 September 2004 20:17:08

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	<i>MCC:</i> 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	<i>MCC:</i> 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	<i>MCC:</i> 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	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-07	2000-03-17 3 . 0 . 0 SP-000039	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 access; U = required in systems with UMTS access.

3GPP specification status

Page 652

16 September 2004 20:17:08

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			<i>remarks - general:</i>
TP-07	2000-03-15	1	.	0	.	0	TP-000032	get it	<i>remarks - this release:</i> TSG#8:aprvl is controversial. TP-23: medium-term intention is to make the spec Release-independent, all earlier Releases simply point to latest.
editorial tidy up	2000-03-23	1	.	0	.	1		get it	
TP-08		2	.	0	.	0			
TP-08	2000-06-23	3	.	0	.	0		get it	
Editorial	2000-06-23	3	.	0	.	1		get it	
TP-09	2000-10-06	3	.	1	.	0		get it	
TP-10	2001-01-09	3	.	2	.	0		get it	
TP-11	2001-03-28	3	.	3	.	0		get it	
TP-12	2001-06-27	3	.	4	.	0		get it	
TP-13	2001-10-08	3	.	5	.	0		get it	
TP-14	2002-01-09	3	.	6	.	0		get it	
TP-15	2002-03-20	3	.	7	.	0		get it	
edito post	TP-15	2002-03-26	3	.	7	.	1		
TP-16	2002-06-17	3	.	8	.	0		get it	
TP-17	2002-09-10	3	.	9	.	0		get it	
TP-18	2002-12-18	3	.	10	.	0		get it	
TP-19	2003-03-24	3	.	11	.	0		get it	
TP-20	2003-06-18	3	.	12	.	0		get it	
TP-21	2003-10-10	3	.	13	.	0		get it	
TP-22	2004-01-13	3	.	14	.	0		get it	
TP-23	2004-04-01	3	.	15	.	0		get it	
TP-24	2004-06-18	3	.	16	.	0	technical contents removed, is just a pointer to Rel-5 version	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 653

16 September 2004 20:17:08

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:* 3.10.0

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
RP-04	1999-06-18	0	.	2	.	0
RP-05	1999-10-08	1	.	0	.	0
RP-06	1999-12-17	1	.	0	.	3
next version	2000-02-03	1	.	1	.	0
RP-07	2000-03-15	1	.	2	.	0
RP-08	2000-06-23	3	.	0	.	0
RP-09	2000-10-05	3	.	1	.	0
RP-10	2000-12-20	3	.	2	.	0
RP-11	2001-03-27	3	.	3	.	0
RP-12	2001-06-19	3	.	4	.	0
RP-15	2002-03-19	3	.	5	.	0
RP-16	2002-06-17	3	.	6	.	0
RP-17	2002-09-18	3	.	7	.	0
RP-18	2003-01-13	3	.	8	.	0
RP-19	2003-03-25	3	.	9	.	0
RP-25		3	.	10	.	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.

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 654

16 September 2004 20:17:08

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		get it	<i>remarks - general:</i>
TP-04	1999-06-18	1	.	0	.	1		get it	<i>remarks - this release:</i>
TP-05	1999-10-08	1	.	2	.	0		get it	
TP-06	1999-12-17	1	.	5	.	0		get it	
TP-07	2000-03-15	2	.	0	.	0		get it	
TP-07	2000-03-15	3	.	0	.	0		get it	
Editorial	2000-03-15	3	.	0	.	1		get it	
TP-08	2000-06-23	3	.	1	.	0		get it	
TP-09	2000-10-05	3	.	2	.	0		get it	
TP-10	2000-12-21	3	.	3	.	0		get it	
TP-11	2001-03-28	3	.	4	.	0		get it	
TP-12	2001-06-18	3	.	5	.	0		get it	
TP-13	2001-10-03	3	.	6	.	0		get it	
TP-14	2002-01-09	3	.	7	.	0		get it	
TP-15	2002-03-20	3	.	8	.	0		get it	
TP-16	2002-06-17	3	.	9	.	0		get it	
TP-17	2002-09-05	3	.	10	.	0		get it	
TP-18	2002-12-18	3	.	11	.	0		get it	
TP-19	2003-03-24	3	.	12	.	0		get it	
TP-20	2003-06-17	3	.	13	.	0		get it	
TP-21	2003-10-10	3	.	14	.	0		get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 655

16 September 2004 20:17:08

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		get it	<i>remarks - general:</i>
TP-05	1999-10-08	0	.	1	.	0		get it	<i>remarks - this release:</i>
TP-06	1999-12-17	1	.	0	.	0		get it	
TP-07	2000-03-15	1	.	2	.	0		get it	
Editorial	2000-03-15	1	.	2	.	1		get it	
TP-08		2	.	0	.	0			
TP-08	2000-06-23	3	.	0	.	0		get it	
edito	2000-08-28	3	.	0	.	1		get it	
TP-09	2000-10-05	3	.	1	.	0		get it	
TP-10	2000-12-21	3	.	2	.	0		get it	
TP-11	2001-03-28	3	.	3	.	0		get it	
TP-12	2001-06-18	3	.	4	.	0		get it	
TP-13	2001-10-03	3	.	5	.	0		get it	
TP-14	2002-01-09	3	.	6	.	0		get it	
TP-15	2002-03-21	3	.	7	.	0		get it	
TP-16	2002-06-17	3	.	8	.	0		get it	
TP-17	2002-09-05	3	.	9	.	0		get it	
TP-18	2002-12-18	3	.	10	.	0		get it	
TP-19	2003-03-24	3	.	11	.	0		get it	
TP-22	2004-01-19	3	.	12	.	0		get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 656

16 September 2004 20:17:08

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		get it	<i>remarks - general:</i>
TP-05	1999-10-08	0	.	0	.	4		get it	<i>remarks - this release:</i>
TP-06	1999-12-17	1	.	0	.	0		get it	
manicure	2000-03-23	1	.	0	.	1		get it	
TP-08		2	.	0	.	0			
TP-08	2000-06-23	3	.	0	.	0		get it	
TP-09	2000-10-10	3	.	1	.	0		get it	
TP-10	2001-01-09	3	.	2	.	0		get it	
TP-11	2001-03-28	3	.	3	.	0		get it	
TP-12	2001-06-28	3	.	4	.	0		get it	
TP-13	2001-10-03	3	.	5	.	0		get it	

TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat

freeze_meeting: SP-10

G: U: yes *MCC:* SULTAN, Alain

history (event, available, version, comments):

TP-03	1999-04-23	0	.	0	.	1		get it	<i>remarks - general:</i>
TP-05	1999-10-08	0	.	0	.	6		get it	<i>remarks - this release:</i> TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).
TP-06	1999-12-17	1	.	0	.	0		get it	
TP-07	2000-03-15	1	.	0	.	1		get it	
TP-09	2000-09-22	2	.	0	.	0		get it	
TP-09	2000-10-06	3	.	1	.	0		get it	
TP-10	2001-01-09	3	.	2	.	0		get it	
TP-11	2001-03-28	3	.	3	.	0		get it	
TP-12	2001-06-28	3	.	4	.	0		get it	
TP-13	2001-10-04	3	.	5	.	0		get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 657

16 September 2004 20:17:09

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: 3.7.0	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-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	get it	TP-010124
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	get it	Availability delayed pending availability of .mp file.
TP-19	2003-04-09	3 . 1 . 0	get it	
TP-20	2003-07-04	3 . 2 . 0	get it	late availability due to delay in checking by WG members
TP-20	2003-07-15	3 . 2 . 1	get it	Fixes bug in Telelogic tool output.
TP-21	2003-10-31	3 . 3 . 0	get it	TTCN verification performed by Anritsu & Racal.
TP-22	2004-01-12	3 . 4 . 0	get it	
TP-23	2004-03-29	3 . 5 . 0	get it	no MP file - to follow
TP-23	2004-04-13	3 . 5 . 1	get it	With MP file.
post TP-23 edito	2004-04-14	3 . 5 . 2	get it	Reorders some misplaced subclauses
TP-24	2004-07-02	3 . 6 . 0	get it	
post TP-24 editorial	2004-07-23	3 . 6 . 1	get it	One correction performed in the NAS ATS part
TP-25		3 . 7 . 0		

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 658

16 September 2004 20:17:09

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.

3GPP specification status

Page 659

16 September 2004 20:17:09

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
Formatting	2001-07-12	3	.	1	.	1	Sage makes source file available.	get it <i>remarks - this release:</i>
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
Formatting	2001-07-12	3	.	1	.	1	Sage makes source file available.	get it <i>remarks - this release:</i>
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.

3GPP specification status

Page 660

16 September 2004 20:17:09

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>	<i>MCC:</i> POPE, Maurice				
	<i>U:</i> yes								
<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	<i>remarks - this release:</i>			
	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>	<i>MCC:</i> POPE, Maurice				
	<i>U:</i> yes								
<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	<i>remarks - this release:</i>			
	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>	<i>MCC:</i> USAI, Paolino				
	<i>U:</i>								
<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		get it	<i>remarks - this release:</i>			
	ETSI publication	1997-11-28	3 . 0 . 1		get it				

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3GPP specification status

Page 661

16 September 2004 20:17:09

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 [get it](#) *remarks - general:*
smg-23 1997-10-17 3 . 1 . 0 [get it](#) *remarks - this release:*
smg-25 1998-03-20 3 . 2 . 0 [get it](#)

TR 30.06U UTRA Concept Evaluation Reports

UMTS *current version:* 3.0.0 *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version, comments):
First complete draft 1997-12-01 1 . 0 . 0 [get it](#) *remarks - general:*
smg-24 1997-12-15 3 . 0 . 0 [get it](#) *remarks - this release:*

R98

R98 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R98 *current version:* 7.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version, 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.

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3GPP specification status

Page 662

16 September 2004 20:17:09

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:	MCC: 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:	MCC: 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>			
<hr/>						
TR 01.33	Lawful Interception requirements for GSM					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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)			
<hr/>						
TS 01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POIRAUD, Patrick	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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>			
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, 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.

3GPP specification status

Page 663

16 September 2004 20:17:09

ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, 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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 664

16 September 2004 20:17:09

ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06	Types of Mobile Stations (MS)								
R98	<i>current version:</i> 7.0.1								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version, comments):</i>								
	smg-29	1999-06-25	7	.	0	.	0		
	ETSI publication	1999-12-29	7	.	0	.	1		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i>
<hr/>									
TS 02.07	Mobile Station (MS) Features								
R98	<i>current version:</i> 7.1.0								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version, comments):</i>								
	smg-27	1998-10-16	7	.	0	.	0		
	ETSI publication	1999-08-03	7	.	0	.	1		
	SP-07	2000-03-15	7	.	1	.	0		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i>
								get it	
<hr/>									
TS 02.09	Security aspects								
R98	<i>current version:</i> 7.1.1								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version, comments):</i>								
	smg-29	1999-06-25	7	.	0	.	0		
	ETSI publication	2000-01-12	7	.	0	.	1		
	smg-31	2000-02-16	7	.	1	.	0		
	ETSI publication	2000-08-29	7	.	1	.	1		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i>
								get it	
								get it	
<hr/>									
TS 02.11	Service accessibility								
R98	<i>current version:</i> 7.1.0								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version, comments):</i>								
	smg-27	1999-10-16	7	.	0	.	0		
	ETSI publication	1999-08-03	7	.	0	.	1		
	SP-11	2001-04-02	7	.	1	.	0		
								get it	<i>remarks - general:</i>
								get it	<i>remarks - this release:</i>
								get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 665

16 September 2004 20:17:09

ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<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>		
	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			
<hr/>						
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	G: yes U:	<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			
<hr/>						
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	G: yes U:	<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>		
<hr/>						
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	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:</i>		
<hr/>						
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	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 2000-01-12 7 . 0 . 1		get it	<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 666

16 September 2004 20:17:09

ACTIVE specs R98 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)					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version, 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				
<hr/>						
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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				
<hr/>						
TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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				
<hr/>						
TS 02.33	Lawful Interception (LI); Stage 1					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: 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				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 667

16 September 2004 20:17:10

ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-29 1999-06-25 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
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	<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>
	edito 1999-07-28 7 . 0 . 1				get it	<i>remarks - this release:</i>
<hr/>						
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	<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 02.42	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	<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>
<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	<i>G: yes U:</i>	<i>MCC:</i> 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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3GPP specification status

Page 668

16 September 2004 20:17:10

ACTIVE specs R98 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

R98 *current version: 7.0.0* WG (prime / other): T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
remarks - this release:

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R98 *current version: 7.0.1* WG (prime / other): S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-25 1998-03-20 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
ETSI publication 1999-08-16 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R98 *current version: 7.2.1* WG (prime / other): S1 / - *rapporteur:* POIRAUD, Patrick ALCATEL S.A.
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, 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:* #27: 7.0.0 #28: 7.1.0 #29: 7.2.0
ETSI PE 1999-05-26 7 . 1 . 1 [get it](#)
smg-29 1999-06-25 7 . 2 . 0 [get it](#)
ETSI publication 2000-09-05 7 . 2 . 1 [get it](#)

TS 02.57 Mobile Station Application Execution Environment (MExE) Service description Stage 1

R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version, 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 #29: 7.1.0

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3GPP specification status

Page 669

16 September 2004 20:17:10

ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.60	General Packet Radio Service Stage 1 Description					
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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 approved. TSG#7: 7.4.0 TSG#8:7.5.0		
	smg-29 1999-06-25 7 . 2 . 0		get it			
	SP-05 1999-10-08 7 . 3 . 0		get it			
	SP-07 2000-03-15 7 . 4 . 0		get it			
	SP-08 2000-06-23 7 . 5 . 0		get it			
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TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HECHWARTNER, Roland	T-Mobile AUSTRIA GmbH		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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	<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>		
	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		
<hr/>						
TS 02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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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3GPP specification status

Page 670

16 September 2004 20:17:10

ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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			
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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			
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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			
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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, RolandT-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			

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3GPP specification status

Page 671

16 September 2004 20:17:10

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			
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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:</i> #29: 7.0.0		
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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:</i> #29: 7.0.0		
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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:</i> #28: 7.0.0		
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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:</i> #29: 7.0.0		

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3GPP specification status

Page 672

16 September 2004 20:17:10

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
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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	
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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

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3GPP specification status

Page 673

16 September 2004 20:17:10

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.

3GPP specification status

Page 674

16 September 2004 20:17:10

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, Alexander SIEMENS 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 675

16 September 2004 20:17:10

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.03 Numbering, Addressing and Identification

R98 *current version: 7.8.0* WG (prime / other): N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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	
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	get it	SA did not approve companion CRs to 02.16.
NP-21	2003-10-09	7 . 8 . 0	get it	

TR 03.05 Technical performance objectives

R98 *current version: 7.0.0* WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-29	1999-06-25	7 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release: #29: 7.0.0</i>

TS 03.07 Restoration Procedures

R98 *current version: 7.1.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* Chalmers KYMALAINEN, Kimmo

history (event, available, version, comments):

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>

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 676

16 September 2004 20:17:10

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08 Organization of Subscriber Data

R98 *current version:* 7.5.0

freeze_meeting: smg-29

history (event, available, version, comments):

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
NP-06	1999-12-17	7	.	2	.	0
NP-07	2000-03-15	7	.	3	.	0
NP-09	2000-10-31	7	.	4	.	0
NP-20	2003-06-27	7	.	5	.	0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG

G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 03.09 Handover Procedures

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): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*

remarks - this release: #29: 7.0.0

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

R98 *current version:* 7.0.1

freeze_meeting: smg-29

history (event, available, version, comments):

smg-27	1998-10-16	7	.	0	.	0
smg-29	1999-06-26	7	.	0	.	1

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat

G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

TS 03.11 Technical Realization of Supplementary Services - General Aspects

R98 *current version:* 7.0.1

freeze_meeting: smg-29

history (event, available, version, comments):

smg-29	1999-06-25	7	.	0	.	0
ETSI publication	2000-01-12	7	.	0	.	1

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG

G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 677

16 September 2004 20:17:10

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: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	KYMALAINEN, Kimmo	TeliaSonera AB
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version, 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 03.13	Discontinuous Reception (DRX) in the GSM System					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version, 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 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ZAUS, Robert	SIEMENS AG
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	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: #28: 7.0.0</i>	
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version, 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.

3GPP specification status

Page 678

16 September 2004 20:17:10

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:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 679

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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	G: yes U:	MCC: 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> #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	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino	Skov			
	<i>history (event, available, version, comments):</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	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino	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>				
<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	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>				
	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 access; U = required in systems with UMTS access.

3GPP specification status

Page 680

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	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>			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 681

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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.

3GPP specification status

Page 682

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43 Support of Videotex
R98 *current version:* 7.0.0 *freeze_meeting:* SP-08
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R98 *current version:* 7.0.0 *freeze_meeting:* SP-08
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R98 *current version:* 7.0.1 *freeze_meeting:* smg-29
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0
ETSI publication 2000-01-12 7 . 0 . 1

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
R98 *current version:* 7.0.0 *freeze_meeting:* smg-29
history (event, available, version, 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:*
remarks - this release:

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
R98 *current version:* 7.0.0 *freeze_meeting:* SP-08
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 683

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R98 *current version:* 7.0.1 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
smg-29 1999-06-25 7 . 0 . 1 [get it](#) *remarks - this release:*

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

R98 *current version:* 7.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, 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 #32:7.1.0
smg-32 2000-06-20 7 . 1 . 0 [get it](#)
ETSI publication 2000-11-28 7 . 1 . 1 [get it](#)

TS 03.52 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

R98 *current version:* 7.1.1 *WG (prime / other):* G1 / - *rapporteur:* GIRAUD, Alexis ALCATEL S.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-28 1999-02-12 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI PE 1999-05-26 7 . 0 . 1 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0
smg-29 1999-06-25 7 . 1 . 0 [get it](#)
ETSI publication 2000-09-05 7 . 1 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 684

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.53 R98 (EUROPE)	Tandem Free Operation (TFO); Service description; Stage 2 <i>current version: 7.0.1</i> <i>freeze_meeting: smg-29</i> <i>history (event, available, version, comments):</i> smg-25 1998-03-20 7 . 0 . 0 smg-29 1999-06-25 7 . 0 . 1	<i>WG (prime / other):</i> S4 / NP / S2 <i>G: yes U:</i> <i>MCC:</i> USAI, Paolino	<i>rapporteur:</i> FAUCONNIER, Denis <i>Mar00: prime responsibility txfrd to SMG11</i> <i>remarks - this release: #25: 7.0.0</i>
TS 03.54 R98	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2 <i>current version: 7.0.0</i> <i>freeze_meeting: smg-29</i> <i>history (event, available, version, comments):</i> smg-29 1999-06-25 7 . 0 . 0	<i>WG (prime / other):</i> N3 / - <i>G: yes U:</i>	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat <i>MCC:</i> BOSWARTHICK, David <i>remarks - general:</i> <i>remarks - this release: #29: 7.0.0</i>
TS 03.56 R98	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2 <i>current version: 7.1.1</i> <i>freeze_meeting: smg-29</i> <i>history (event, available, version, comments):</i> smg-28 1999-02-12 7 . 0 . 0 ETSI PE 1999-05-26 7 . 0 . 1 smg-29 1999-06-25 7 . 1 . 0 ETSI publication 2000-09-05 7 . 1 . 1	<i>WG (prime / other):</i> S2 / - <i>G: yes U:</i>	<i>rapporteur:</i> ROBERTS, Martin Nortel <i>MCC:</i> YOON, Sang-Ui <i>remarks - general:</i> <i>remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0</i>
TS 03.57 R98	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2 <i>current version: 7.2.0</i> <i>freeze_meeting: smg-29</i> <i>history (event, available, version, comments):</i> smg-29 1999-06-25 7 . 0 . 0 TP-06 1999-12-15 7 . 1 . 0 TP-07 2000-03-15 7 . 2 . 0	<i>WG (prime / other):</i> T2 / - <i>G: yes U:</i>	<i>rapporteur:</i> BRENK, Lars TTP Communications plc <i>MCC:</i> RODERMUND, Friedhelm <i>remarks - general:</i> <i>remarks - this release: #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0</i>
TR 03.58 R98	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) <i>current version: 7.0.0</i> <i>freeze_meeting: smg-29</i> <i>history (event, available, version, comments):</i> smg-29 1999-06-25 7 . 0 . 0	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> MONFORT, Jean-Yves France Telecom <i>MCC:</i> USAI, Paolino <i>remarks - general:</i> <i>remarks - this release: #29: 7.0.0</i>

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3GPP specification status

Page 685

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2

R98 *current version:* 7.9.0 *WG (prime / other):* S2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

smg-28	1998-02-12	7 . 0 . 0	get it	<i>remarks - general:</i>
smg-29	1999-06-25	7 . 1 . 0	get it	<i>remarks - this release:</i>
ETSI publication	2000-01-20	7 . 1 . 1	get it	
SP-05	1999-10-08	7 . 2 . 0	get it	
SP-06	1999-12-15	7 . 3 . 0	get it	
ETSI publication	2000-07-07	7 . 3 . 1	get it	
SP-07	2000-03-15	7 . 4 . 0	get it	
ETSI publication	2000-09-22	7 . 4 . 1	get it	
SP-09	2001-02-01	7 . 5 . 0	get it	
SP-11	2001-04-19	7 . 6 . 0	get it	
SP-12	2001-06-29	7 . 7 . 0	get it	
SP-14	2002-01-08	7 . 8 . 0	get it	
edito		7 . 8 . 1		
SP-17	2002-10-02	7 . 9 . 0	get it	

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-31	2000-02-16	7 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i>

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version:* 7.1.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	1999-06-25	7 . 0 . 0	get it	<i>remarks - general:</i>
smg-30	1999-11-11	7 . 1 . 0	get it	<i>remarks - this release:</i>

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3GPP specification status

Page 686

16 September 2004 20:17:11

ACTIVE specs R98 03 .- series
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: 7.3.0	
	NP-05 1999-10-08 7 . 2 . 0		get it		
	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		

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3GPP specification status

Page 687

16 September 2004 20:17:11

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](#)
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TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0
freeze_meeting: smg-29
history (event, available, version, 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](#)

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3GPP specification status

Page 688

16 September 2004 20:17:11

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 [get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.
smg-29 1999-06-25 7 . 1 . 0 [get it](#) *remarks - this release:* #27: for info
smg-30 1999-11-11 7 . 2 . 0 [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 [get it](#) *remarks - general:* NP-24: txferred to N4 on closure of N2.
ETSI publication 1999-08-16 7 . 0 . 1 [get it](#) *remarks - this release:*
smg-29 1999-06-25 7 . 1 . 0 [get it](#)
NP-05 1999-10-13 7 . 2 . 0 [get it](#)
NP-07 2000-03-17 7 . 3 . 0 [get it](#)
NP-08 2000-06-23 7 . 4 . 0 [get it](#)
NP-10 2001-01-04 7 . 5 . 0 [get it](#)
NP-12 2001-07-02 7 . 6 . 0 [get it](#)
visible figures 2001-07-04 7 . 6 . 1 [get it](#)
NP-14 2002-01-04 7 . 7 . 0 [get it](#)
NP-16 2002-06-17 7 . 8 . 0 [get it](#)
Editorial correction 2002-08-21 7 . 8 . 1 [get it](#)
to SDLs

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version: 7.3.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0
NP-05 1999-10-08 7 . 2 . 0 [get it](#)
NP-07 2000-03-15 7 . 3 . 0 [get it](#)

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3GPP specification status

Page 689

16 September 2004 20:17:12

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.

3GPP specification status

Page 690

16 September 2004 20:17:12

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	<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 03.87	User-to-user signalling (UUS); Stage 2				
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, 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	<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 03.90	Unstructured Supplementary Service Data (USSD)				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mm02 plc	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, 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	<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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 691

16 September 2004 20:17:12

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:* 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.

3GPP specification status

Page 692

16 September 2004 20:17:12

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 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* 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

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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 04.04 Layer 1 - General Requirements

R98 *current version:* 7.0.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: smg-29 G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.05 Data Link (DL) Layer General Aspects

R98 *current version:* 7.1.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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:*
ETSI publication 2000-01-12 7 . 0 . 1 [get it](#) *remarks - this release:*
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 access; U = required in systems with UMTS access.

3GPP specification status

Page 693

16 September 2004 20:17:12

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.

3GPP specification status

Page 694

16 September 2004 20:17:12

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.

3GPP specification status

Page 695

16 September 2004 20:17:12

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			
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> smg-29	<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>		
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels 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		
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> 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.

3GPP specification status

Page 696

16 September 2004 20:17:12

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	<i>G: yes 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>				
	smg-30 1999-11-11 7 . 1 . 0	get it	<i>remarks - this release:</i>				
	smg-32 2000-06-20 7 . 2 . 0	get it					
	GP-10 2002-07-19 7 . 3 . 0	get it					

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface						
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, 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: #27: 7.0.0 TSG#8:7.1.0</i>				
	smg-29 1999-06-25 7 . 0 . 2	get it					
	ETSI publication 1999-12-14 7 . 0 . 3	get it					
	NP-08 2000-06-21 7 . 1 . 0	get it					

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services						
R98	<i>current version:</i> Switching Centre (BSS - MSC) interface 7.1.0	<i>WG (prime / other):</i> N3	<i>rapporteur:</i> KLEHN, Norbert				
SIEMENS AG							
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version, 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	<i>G: yes U:</i>	<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					

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 697

16 September 2004 20:17:12

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	<i>G: yes U:</i>	<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	get it	<i>remarks - this release:</i>	
	smg-31	2000-02-16	get it		
	smg-31b	2000-04-17	get it		
	GP-02	2000-11-30	get it		
	GP-03	2001-01-31	get it		
	edito	2001-01-31	get it		
	GP-04	2001-05-04	get it		
	GP-05	2001-06-18	get it		
	GP-06	2001-09-14	get it		
	GP-07	2002-01-08	get it		
	GP-08	2002-02-19	get it		
	GP-09	2002-05-02	get it		
	GP-10	2002-07-19	get it		
	GP-16	2003-09-12	get it		
	GP-18	2004-02-23	get it		
	GP-19	2004-05-06	get it		
	GP-20	2004-07-23	get it		
	GP-21	2004-09-04	get it		

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30b	1999-12-06	get it	<i>remarks - general:</i>	
	smg-31b	2000-04-17	get it	<i>remarks - this release:</i>	
	GP-01	2000-10-11	get it		
	GP-03	2001-01-31	get it		
	GP-07	2002-01-08	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 698

16 September 2004 20:17:12

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	<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 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	<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 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	<i>G: yes 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>		
	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			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 699

16 September 2004 20:17:13

ACTIVE specs R98 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
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification
R98 *current version: 7.5.0* WG (prime / other): N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-29 G: yes U: *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 1999-11-11 7 . 1 . 0 [get it](#) *remarks - this release:*
SP-06 1999-12-15 7 . 2 . 0 [get it](#)
smg-31 2000-02-16 7 . 3 . 0 [get it](#)
NP-10 2001-01-02 7 . 4 . 0 [get it](#)
NP-14 2002-01-04 7 . 5 . 0 [get it](#)

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
R98 *current version: 7.3.0* WG (prime / other): N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-29 G: yes U: *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
smg-30 1999-11-11 7 . 1 . 0 [get it](#) *remarks - this release:*
post SP-06 1999-12-15 7 . 2 . 0 [get it](#)
smg-31 2000-02-16 7 . 3 . 0 [get it](#)

TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3
R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 700

16 September 2004 20:17:13

ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68	Group Call Control (GCC) Protocol					
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	<i>MCC:</i> 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			

TS 04.69	Broadcast Call Control (BCC) protocol					
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	<i>MCC:</i> 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			

TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification					
R98	<i>current version: 7.5.0</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	Skov	THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>					
	smg-28 1999-02-12 1 . 0 . 0		get it	<i>remarks - general:</i> Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.		
	smg-29 1999-06-25 7 . 0 . 0		get it	<i>remarks - this release:</i>		
	smg-30b 1999-12-15 7 . 1 . 1		get it			
	smg-32 2000-06-28 7 . 2 . 0		get it			
	GP-05 2001-06-18 7 . 3 . 0		get it			
	GP-07 2002-01-08 7 . 4 . 0		get it			
	GP-10 2002-07-22 7 . 5 . 0		get it			

TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting: smg-29</i>	<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 2001-10-30 7 . 0 . 1		get it	<i>remarks - this release: #27: for info #28: 7.0.0</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 701

16 September 2004 20:17:13

ACTIVE specs R98 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				
R98	<i>current version:</i> 7.4.1	<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>		
	NP-06 1999-12-15 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	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	<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>		
	Publication 2000-01-12 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		

TS 04.82	Call Forwarding (CF) Supplementary Services; 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	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>		
	<to be defined> 1999-12-14 7 . 0 . 2	get it	<i>remarks - this release:</i> #28: 7.0.0		

TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<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>		
	Publication 2000-01-12 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		

TS 04.84	Multi Party (MPTY) Supplementary Services; Stage 3				
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	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		

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3GPP specification status

Page 702

16 September 2004 20:17:13

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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3GPP specification status

Page 703

16 September 2004 20:17:13

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*
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0
ETSI Publication 2000-01-12 7 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0*

TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 04.96 Name Identification Supplementary Services; Stage 3

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 1999-06-25 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

R98 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R98 *current version: 7.2.0*
freeze_meeting: smg-29
history (event, available, version, comments):
smg-28 1999-02-12 7 . 0 . 0
smg-30 1999-11-11 7 . 1 . 0
GP-07 2002-01-04 7 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 704

16 September 2004 20:17:13

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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3GPP specification status

Page 705

16 September 2004 20:17:13

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

freeze_meeting: smg-29

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-28	1999-02-12	7	.	0	.	0
smg-29	1999-06-25	7	.	1	.	0
ETSI publication	1999-12-14	7	.	1	.	1
smg-30	1999-11-11	7	.	2	.	0
smg-31	2000-02-16	7	.	3	.	0
ETSI publication	2000-10-15	7	.	3	.	1
smg-31b	2000-04-17	7	.	4	.	0
ETSI publication	2000-10-27	7	.	4	.	1
GP-01	2000-10-10	7	.	5	.	0
GP-06	2001-10-01	7	.	6	.	0
GP-09	2002-05-06	7	.	7	.	0
GP-10	2002-07-19	7	.	8	.	0
GP-11	2002-09-19	7	.	9	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 05.08 Radio Subsystem Link Control

R98 *current version:* 7.7.0

freeze_meeting: smg-29

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-25		7	.	0	.	0
smg-29		7	.	1	.	0
smg-30		7	.	2	.	0
smg-30b		7	.	3	.	0
ETSI publication		7	.	3	.	1
smg-31b	2000-04-17	7	.	4	.	0
ETSI publication		7	.	4	.	1
GP-01	2000-10-10	7	.	5	.	0
GP-02	2000-11-24	7	.	6	.	0
edito	2000-11-30	7	.	6	.	1
GP-06	2001-10-01	7	.	7	.	0

remarks - general:
remarks - this release:
[get it](#)
[get it](#)
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3GPP specification status

Page 706

16 September 2004 20:17:13

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	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	1999-06-24	7 . 0 . 1	get it	<i>remarks - this release:</i>
ETSI publication	1999-12-16	7 . 0 . 2		get it	
	smg-30	1999-11-11	7 . 1 . 0	get it	
	smg-31	1999-02-16	7 . 2 . 0	get it	
ETSI publication	2000-10-05	7 . 2 . 1		get it	
	smg-32	2000-06-28	7 . 3 . 0	get it	
	GP-02	2000-09-01	7 . 4 . 0	get it	
	GP-03	2001-02-15	7 . 5 . 0	get it	
remove revision	2001-07-31	7 . 5 . 1		get it	
marks					
	GP-06	2001-10-01	7 . 6 . 0	get it	
	GP-07	2002-01-04	7 . 7 . 0	get it	

TS 05.10	Radio subsystem synchronization				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC:	USAI, Paolino	
<i>history (event, available, version, 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	G: yes U:	MCC:	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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3GPP specification status

Page 707

16 September 2004 20:17:13

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.		

R98

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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3GPP specification status

Page 708

16 September 2004 20:17:13

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:</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>	
	ETSI Publication 1999-12-14 7 . 0 . 2			get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>						
TS 06.02	Half Rate Speech Processing Functions					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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:</i> #28: 7.0.0	
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate 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	

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3GPP specification status

Page 709

16 September 2004 20:17:14

ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10 Full Rate Speech Transcoding

R98 *current version: 7.2.0*

freeze_meeting: smg-29

history (event, available, version, comments):

smg-28	1999-02-12	7	.	0	.	0
ETSI OAP	1999-07-28	7	.	0	.	1
ETSI publication	1999-12-14	7	.	0	.	2
inclusion of zip files	2000-03-29	7	.	0	.	3
inclusion of doc file	2000-05-31	7	.	0	.	4
(!)						
smg-32	2000-06-20	7	.	1	.	0
SP-12	2001-06-29	7	.	2	.	0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar

PHILIPS Semiconductors

G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R98 *current version: 7.0.1*

freeze_meeting: smg-29

history (event, available, version, comments):

smg-29	1999-06-25	7	.	0	.	0
ETSI Publication	1999-12-29	7	.	0	.	1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William

NORTEL NETWORKS (EUROPE)

G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*

[get it](#) *remarks - this release: #29: 7.0.0*

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R98 *current version: 7.1.0*

freeze_meeting: smg-29

history (event, available, version, comments):

smg-29	1999-06-25	7	.	0	.	0
ETSI Publication	2000-01-12	7	.	0	.	1
SP-12	2001-06-29	7	.	1	.	0

WG (prime / other): S4 / - *rapporteur:* SERENO, Daniele

TELECOM ITALIA S.p.A.

G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*

[get it](#) *remarks - this release: #29: 7.0.0*

[get it](#)

TS 06.20 Half Rate Speech Transcoding

R98 *current version: 7.0.1*

freeze_meeting: smg-29

history (event, available, version, comments):

smg-29	1999-06-25	7	.	0	.	0
ETSI publication	2000-01-17	7	.	0	.	1

WG (prime / other): S4 / - *rapporteur:* AFTELAK, Steve

MOTOROLA Ltd

G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*

[get it](#) *remarks - this release: #29: 7.0.0*

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3GPP specification status

Page 710

16 September 2004 20:17:14

ACTIVE specs R98 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				
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:</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:	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 2000-01-20 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:	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:</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:	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 2000-01-13 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:	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 2000-01-20 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		

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3GPP specification status

Page 711

16 September 2004 20:17:14

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 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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3GPP specification status

Page 712

16 September 2004 20:17:14

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 *current version: 7.0.0* WG (prime / other): S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND
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](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 06.60 Enhanced full rate speech transcoding
R98 *current version: 7.0.2* WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari 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](#) *remarks - general:*
ETSI Publication 1999-12-13 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels
R98 *current version: 7.0.1* WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, 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 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels
R98 *current version: 7.0.1* WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, 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 06.71 Adaptive Multi-Rate speech processing functions; General description
R98 *current version: 7.0.2* 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*
ETSI Publication 1999-12-16 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

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3GPP specification status

Page 713

16 September 2004 20:17:14

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 2000-02-04	7 . 0 . 1		get it					
	vectors								
	corrected test 2000-09-14	7 . 0 . 2		get it					
	vectors								
	ETSI publication 2000-10-05	7 . 0 . 3		get it					
	SP-11 2001-04-10	7 . 1 . 0		get it					
	corrected tests 2001-07-04	7 . 1 . 1		get it					
	SP-15 2002-03-28	7 . 2 . 0		get it					
	SP-16 2002-06-28	7 . 3 . 0		get it					

TR 06.75	Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, 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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3GPP specification status

Page 714

16 September 2004 20:17:14

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

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 715

16 September 2004 20:17:14

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 *current version: 7.2.1* 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 #30: 7.2.0
smg-30 1999-11-11 7 . 2 . 0 [get it](#)
ETSI Publication 2000-05-09 7 . 2 . 1 [get it](#)

TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98 *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-30 1999-11-11 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #30: 7.1.0
ETSI Publication 2000-05-09 7 . 1 . 1 [get it](#)

TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98 *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 1999-12-17 7 . 1 . 1 [get it](#)

TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.5.0* WG (prime / other): S4 / - rapporteur: USAI, Paolino TELECOM ITALIA 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 #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](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 716

16 September 2004 20:17:14

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

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 717

16 September 2004 20:17:14

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](#)

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3GPP specification status

Page 718

16 September 2004 20:17:15

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 *freeze_meeting:* smg-29
history (event, available, version, comments):
smg-29 1999-06-25 7 . 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 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
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): G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes *U:* *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
remarks - this release:

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
R98 *current version:* 7.0.1 *freeze_meeting:* smg-29
history (event, available, version, comments):
smg-28 1999-02-12 7 . 0 . 0
ETSI Publication 1999-08-17 7 . 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 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
R98 *current version:* 7.0.1 *freeze_meeting:* smg-29
history (event, available, version, comments):
smg-28 1999-02-12 7 . 0 . 0
ETSI Publication 1999-08-17 7 . 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:*

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 719

16 September 2004 20:17:15

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

G: yes U: MCC: THOMASEN, Gert

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 . 2 . 0	get it	
smg-30	1999-11-11	7 . 3 . 0	get it	
smg-30b	1999-12-06	7 . 4 . 0	get it	
smg-31b	2000-04-17	7 . 5 . 0	get it	
smg-31	2000-02-16	7 . 5 . 0	get it	
smg-32	2000-06-20	7 . 6 . 0	get it	
edito	2000-09-14	7 . 6 . 1	get it	
GP-01	2000-10-11	7 . 7 . 0	get it	

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

R98 *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	1999-08-30	7 . 0 . 1	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

G: yes U: MCC: THOMASEN, Gert

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:

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3GPP specification status

Page 720

16 September 2004 20:17:15

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		
<hr/>						
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		
<hr/>						
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		
<hr/>						
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>	

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3GPP specification status

Page 721

16 September 2004 20:17:15

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 *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 08.54 BSC-BTS Layer 1; Structure of Physical Circuits
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 08.56 BSC-BTS Layer 2; Specification
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 08.58 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification
R98 *current version: 7.4.1* 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:*
smg-29 1999-06-25 7 . 1 . 0 [get it](#) *remarks - this release: #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.

3GPP specification status

Page 722

16 September 2004 20:17:15

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: yes 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	

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: 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> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	smg-30	1999-11-11	7 . 1 . 0	get it	<i>remarks - this release:</i>
	smg-30b	1999-12-06	7 . 2 . 0	get it	
	Edito	1999-12-15	7 . 2 . 1	get it	
	GP-08	2002-02-19	7 . 3 . 0	get it	

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-29		<i>MCC:</i>	USAI, Paolino	
		<i>G: yes U:</i>			
<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 723

16 September 2004 20:17:15

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 G: yes U: MCC: THOMASEN, Gert
Skov

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:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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.

3GPP specification status

Page 724

16 September 2004 20:17:15

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 *current version:* 7.15.0 *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-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 *current version:* Network (PLMN) 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David
ETSI Secretariat

freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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
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TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98 *current version:* 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 725

16 September 2004 20:17:15

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 726

16 September 2004 20:17:15

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:</i> Procedures and the Mobile Application Part (MAP)	7.2.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>									
	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> #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0
	NP-11	2001-04-04	7	.	2	.	0	get it	
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
R98	<i>current version:</i> 7.0.1		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	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	1999-03-12	7	.	0	.	1	get it	<i>remarks - this release:</i> #28: 7.0.0
<hr/>									
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R98	<i>current version:</i> 7.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:	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>
<hr/>									
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:</i> 7.0.2		WG (prime / other):	TISPAN/	N4	<i>rapporteur:</i>	SPORTON, Simon	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-29		G: yes	U:		MCC:			
<i>history (event, available, version, comments):</i>									
	SPS approval	1999-06-30	7	.	0	.	1	get it	<i>remarks - general:</i> EN 302 646
	ETSI publication	2000-09-26	7	.	0	.	2	get it	<i>remarks - this release:</i> (SPAN1)
<hr/>									
TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R98	<i>current version:</i> 7.0.1		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	DAWES, Peter	VODAFONE LTD	
	<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	get it	<i>remarks - general:</i>
	ETSI Publication	1999-08-17	7	.	0	.	1	get it	<i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 727

16 September 2004 20:17:15

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
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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 728

16 September 2004 20:17:15

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 (GTP) across the Gn and Gp Interface

R98 *current version:* 7.10.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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	
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 *current version:* 7.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, 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-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.

3GPP specification status

Page 729

16 September 2004 20:17:16

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		<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-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		<i>G: yes U:</i>		<i>MCC:</i> 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	minor editorials to change style from TS	get it	<i>remarks - this release:</i>	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.		
				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		<i>G: yes U:</i>		<i>MCC:</i> 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		<i>G: yes U:</i>		<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	Not available		<i>remarks - this release:</i>	#27: 7D1.0		

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 730

16 September 2004 20:17:16

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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 731

16 September 2004 20:17:16

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.

3GPP specification status

Page 732

16 September 2004 20:17:16

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	<i>G: yes U:</i>	<i>MCC:</i> 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				get it		<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 TS.			get it			

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> smg-29	<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-28 1999-02-12	7 . 2 . 0				get it			
	smg-29 1999-06-25	7 . 3 . 0				get it			
	smg-31 2000-02-16	7 . 4 . 0				get it			
	smg-32 2000-06-28	7 . 5 . 0				get it			
	TP-09 2000-10-18	7 . 6 . 0				get it			
	TP-12 2001-07-06	7 . 7 . 0				get it			

TS 11.17	Subscriber Interface Module (SIM) test specification								
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> smg-29	<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 1999-12-14	7 . 0 . 2				get it		<i>remarks - this release:</i>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 733

16 September 2004 20:17:16

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.	

R98

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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3GPP specification status

Page 734

16 September 2004 20:17:16

ACTIVE specs R98 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S5 / S1 / NP	<i>rapporteur:</i>	TRUSS, Michael	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>					
	smg-28 1999-02-12 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 1999-08-17 7 . 0 . 1			get it	<i>remarks - this release:</i>	
<hr/>						
TS 12.04	Performance data measurements					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S5 / S1 / NP	<i>rapporteur:</i>	TOCHE, Christian	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>					
	smg-30 1999-11-11 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 12.05	Subscriber Related Call and Event Data					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S5 / S1	<i>rapporteur:</i>	ALEXANDER, Benni	NOKIA Corporation
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>					
	smg-28 1999-02-12 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 1999-08-17 7 . 0 . 1			get it	<i>remarks - this release:</i>	
<hr/>						
TS 12.15	General Packet Radio Service (GPRS); GPRS Charging					
R98	<i>current version: 7.7.0</i>	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	ALEXANDER, Benni	NOKIA Corporation
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	ZOICAS, Adrian	
	<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>	
	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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3GPP specification status

Page 735

16 September 2004 20:17:16

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.
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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[get it](#)

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R97 *current version:* 6.0.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-20 2003-06-25 6 . 0 . 0

[get it](#) *remarks - general:* post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

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3GPP specification status

Page 736

16 September 2004 20:17:16

ACTIVE specs R97 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 / GP / NP	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-26					
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	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		<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	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		<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	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		<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26		<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	G: yes U:				
	smg-25 1998-03-20 6 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial correction 1998-03-20 6 . 0 . 1	get it	<i>remarks - this release:</i>			

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3GPP specification status

Page 737

16 September 2004 20:17:16

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R97 current version: 6.2.0 WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-26 G: yes U: MCC: CLAYTON, Michael
history (event, available, version, 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:

TS 02.04 General on Supplementary Services

R97 current version: 6.1.1 WG (prime / other): S1 / - rapporteur: CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 G: yes U: MCC: CLAYTON, Michael
history (event, available, version, 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:
smg-29 1999-06-25 6 . 1 . 1 [get it](#)

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3GPP specification status

Page 738

16 September 2004 20:17:16

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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	G: yes U:	MCC: 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				
<hr/>						
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	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>			
	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				
<hr/>						
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	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>			
	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				
<hr/>						
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:	MCC: 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>			

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3GPP specification status

Page 739

16 September 2004 20:17:16

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<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>		
	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	<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>		
<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	<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>		
<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	<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>		
	Editorial correction 1998-11-16 6 . 0 . 1		get it	<i>remarks - this release:</i>		
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 740

16 September 2004 20:17:17

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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	<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>			
<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	<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>			
<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	<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>			
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<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>			

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 741

16 September 2004 20:17:17

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R97 *current version:* none *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino

remarks - general: SMG11->S4 at SMG#30
remarks - this release: No spec this Release

history (event, available, version, comments):

TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-25	1998-03-20	6	.	0	.	0
smg-26	1998-06-26	6	.	1	.	0
ETSI publication	1998-12-01	6	.	1	.	1
smg-28	1999-02-12	6	.	2	.	0
ETSI publication	1999-08-04	6	.	2	.	1
SP-05	1999-10-14	6	.	3	.	0
ETSI publication	2000-11-28	6	.	3	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* HECHWARTNER, RolandT-Mobile AUSTRIA GmbH
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-27	1998-10-16	6	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

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
Editorial correction	1999-07-25	6	.	1	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 742

16 September 2004 20:17:17

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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					
<hr/>						
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> 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: #27: 6.0.0</i>		

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 743

16 September 2004 20:17:17

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.81 Line Identification Supplementary Services; Stage 1
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
freeze_meeting: smg-26 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA
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: #27: 6.0.0

TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-26 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
freeze_meeting: smg-26 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 744

16 September 2004 20:17:17

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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	<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 02.88	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	<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 02.90	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	<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 02.91	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	<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 02.93	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	<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>	
	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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 745

16 September 2004 20:17:17

ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-27 1998-10-15 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 02.96 Name Identification Supplementary Services; Stage 1
R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, 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:* #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions
R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-28 1999-02-12 6 . 1 . 0 [get it](#) *remarks - this release:* #27: 6.0.0 #28: 6.1.0

TS 03.02 Network Architecture
R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP / T2 *rapporteur:* MILINSKI, AlexanderSIEMENS AG
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](#) *remarks - general:*
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 746

16 September 2004 20:17:17

ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.8.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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-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	

TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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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TS 03.07 Restoration Procedures

R97 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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-29	1999-06-25	6 . 2 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 747

16 September 2004 20:17:17

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

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
NP-07	2000-03-15	6	.	4	.	0
NP-09	2000-10-31	6	.	5	.	0
NP-20	2003-06-27	6	.	6	.	0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.09 Handover Procedures

R97 *current version:* 6.0.0

freeze_meeting: smg-26

history (event, available, version, comments):

smg-27	1998-10-16	6	.	0	.	0
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WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated

G: yes U: *MCC:* JURISIC, Andrijana

[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

freeze_meeting: smg-26

history (event, available, version, comments):

smg-27	1998-10-18	6	.	0	.	0
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WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release:

TS 03.11 Technical Realization of Supplementary Services - 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): N4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 748

16 September 2004 20:17:17

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>	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-26 1998-06-26 6 . 0 . 0				
	smg-29 1999-06-25 6 . 1 . 0				get it <i>remarks - general:</i> get it <i>remarks - this release:</i> #26: 6.0.0 SMG#29: 6.1.0

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 749

16 September 2004 20:17:17

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:* KYMALAINEN, Kimmo
Chalmers

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

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.

3GPP specification status

Page 750

16 September 2004 20:17:17

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	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>				
	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	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>				
			<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	G: yes U:	MCC:	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.

3GPP specification status

Page 751

16 September 2004 20:17:17

ACTIVE specs R97 03 .- series
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TS 03.38	Alphabets and language-specific information						
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC:	RODERMUND, Friedhelm			
	<i>history (event, available, version, 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	G: yes U:	MCC:	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	G: yes U:	MCC:	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	G: yes U:	MCC:	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	G: yes U:	MCC:	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 access; U = required in systems with UMTS access.

3GPP specification status

Page 752

16 September 2004 20:17:18

ACTIVE specs R97 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)
R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R97 *current version:* 6.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 1998-10-16 6 . 0 . 1 [get it](#) *remarks - this release:*

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-27 1998-10-16 6 . 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)
R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2
R97 *current version:* 6.2.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 1999-02-12 6 . 2 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 753

16 September 2004 20:17:18

ACTIVE specs R97 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)				
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)	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 754

16 September 2004 20:17:18

ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.60 General Packet Radio Service (GPRS); Service description; Stage 2

R97 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* 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:* 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>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 755

16 September 2004 20:17:18

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 *current version:* 6.4.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

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 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

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 *current version:* 6.4.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-26 *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 post SP-07	1998-10-30	6	.	2	.	0	get it
NP-09	2000-10-12	6	.	3	.	0	get it
NP-21	2003-10-10	6	.	4	.	0	get it

TS 03.69 Voice Broadcast service (VBS); Stage 2

R97 *current version:* 6.4.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: smg-26 *G: yes U:* *MCC:* 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: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0</i>
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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 756

16 September 2004 20:17:18

ACTIVE specs R97 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)

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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 757

16 September 2004 20:17:18

ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	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>
<hr/>						

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 758

16 September 2004 20:17:18

ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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 access; U = required in systems with UMTS access.

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:

3GPP specification status

Page 760

16 September 2004 20:17:18

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.

3GPP specification status

Page 761

16 September 2004 20:17:18

ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97	<i>current version:</i> 6.5.1	WG (prime / other):	N1 / -	<i>rapporteur:</i>	HOWELL, Andrew	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	G: yes	U:	<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-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 access; U = required in systems with UMTS access.

3GPP specification status

Page 762

16 September 2004 20:17:18

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.

3GPP specification status

Page 763

16 September 2004 20:17:19

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 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* Skov
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:*

TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R97 *current version:* 6.1.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-26 G: yes U: *MCC:* JURISIC, Andrijana
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:*
NP-09 2000-10-12 6 . 1 . 0 [get it](#)

TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* Skov
THOMASEN, Gert
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

TS 04.13 Performance Requirements on Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* N1 / - *rapporteur:* DAWES, Peter VODAFONE 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:*
Editorial correction 1998-10-16 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.

3GPP specification status

Page 764

16 September 2004 20:17:19

ACTIVE specs R97 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								
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				

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		

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 765

16 September 2004 20:17:19

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.

3GPP specification status

Page 766

16 September 2004 20:17:19

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	<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-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 (SNDCP)				
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	<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>	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	<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:</i> #27: 6.0.0		

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 767

16 September 2004 20:17:19

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	<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>			
	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	<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>			
	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	<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 . 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	<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:</i> #27: 6.0.0			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 768

16 September 2004 20:17:19

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>		
<hr/>						
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>		
<hr/>						
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>		
<hr/>						
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>		
<hr/>						
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 access; U = required in systems with UMTS access.

3GPP specification status

Page 769

16 September 2004 20:17:19

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:	MCC: 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		
<hr/>					
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:	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		
<hr/>					
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:	MCC: 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		
<hr/>					
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:	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-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			
<hr/>					
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:	MCC: 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 770

16 September 2004 20:17:19

ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R97 *current version:* 6.1.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, 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.

3GPP specification status

Page 771

16 September 2004 20:17:19

ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03 Channel coding

R97 *current version:* 6.2.1

freeze_meeting: smg-26

history (event, available, version, comments):

smg-24 1997-12-19 6 . 0 . 0

smg-25 1998-03-20 6 . 1 . 0

smg-28 1999-02-12 6 . 2 . 0

ETSI Publication 1999-03-12 6 . 2 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes *U:*

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

[get it](#)

[get it](#)

TS 05.04 Modulation

R97 *current version:* 6.1.1

freeze_meeting: smg-26

history (event, available, version, comments):

smg-27 1998-10-16 6 . 0 . 0

ETSI publication 1999-02-09 6 . 0 . 1

smg-30b 1999-12-06 6 . 1 . 0

ETSI publication 2000-06-20 6 . 1 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes *U:*

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

TS 05.05 Radio Transmission and Reception

R97 *current version:* 6.8.0

freeze_meeting: smg-26

history (event, available, version, 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 1999-06-04 6 . 4 . 1

smg-29 1999-06-25 6 . 5 . 0

ETSI publication 1999-12-14 6 . 5 . 1

smg-30 1999-11-11 6 . 6 . 0

smg-31 2000-02-16 6 . 7 . 0

ETSI publication 2000-09-29 6 . 7 . 1

GP-01 2000-10-09 6 . 8 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

Telefon AB LM Ericsson

G: yes *U:*

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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3GPP specification status

Page 772

16 September 2004 20:17:20

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:

[get it](#)

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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

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remarks - general:

[get it](#)

remarks - this release:

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3GPP specification status

Page 773

16 September 2004 20:17:20

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 *current version:* 6.2.0 *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
GP-02 2001-01-05 6 . 0 . 0 [get it](#) *remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
GP-05 2002-01-03 6 . 1 . 0 [get it](#) *remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R97
Changed from G2 to G1 at same time.
record created at same time (originally was only R99 and R98).
GP-10 2002-07-19 6 . 2 . 0 [get it](#)

TR 05.22 Radio link management in hierarchical networks

R97 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG
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

TR 05.50 Background for RF Requirements

R97 *current version:* 6.1.0 *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-24 1997-12-19 6 . 0 . 0 [get it](#) *remarks - general:*
smg-31 2000-02-16 6 . 1 . 0 [get it](#) *remarks - this release:* #24: 6.0.0 #31:6.1.0

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
smg-27 2001-04-10 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 2001-11-12 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.

R97

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 774

16 September 2004 20:17:20

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	<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>			
<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	<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 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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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3GPP specification status

Page 775

16 September 2004 20:17:20

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				
<hr/>						
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>			
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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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3GPP specification status

Page 776

16 September 2004 20:17:20

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	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>			
	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	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>			
	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	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>			
	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	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>			
	ETSI Publication 1998-11-16 6 . 0 . 1		get it <i>remarks - this release: #27: 6.0.0</i>			
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TS 06.42	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	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>			
	ETSI Publication 1998-11-16 6 . 0 . 1		get it <i>remarks - this release: #27: 6.0.0</i>			

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3GPP specification status

Page 777

16 September 2004 20:17:20

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	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	ETSI publication 1999-06-04 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0	
	smg-32 2000-06-20 6 . 1 . 0			get it		
	ETSI publication 2000-11-30 6 . 1 . 1			get it		
	SP-10 2000-12-20 6 . 2 . 0			get it		

TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	ETSI Publication 1998-11-16 6 . 0 . 1			get it	remarks - this release:	

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
	ETSI publication 1999-09-01 6 . 0 . 1			get it	remarks - this release:	
	smg-32 2000-06-20 6 . 1 . 0			get it		
	SP-10 2000-12-20 6 . 2 . 0			get it		

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-27 1998-10-16 6 . 0 . 0			get it	remarks - general:	
					remarks - this release: #27: 6.0.0	

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3GPP specification status

Page 778

16 September 2004 20:17:20

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>			
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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>			
<hr/>						
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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3GPP specification status

Page 779

16 September 2004 20:17:20

ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, 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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3GPP specification status

Page 780

16 September 2004 20:17:20

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 [get it](#) *remarks - general:*
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-27 1998-10-16 6 . 2 . 0 [get it](#)
smg-29 1999-06-25 6 . 3 . 0 [get it](#)
TP-05 1999-10-08 6 . 4 . 0 [get it](#)
TP-11 2001-04-06 6 . 5 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* 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 [get it](#) *remarks - general:*
draft 1998-03-10 2 . 2 . 0 [get it](#) *remarks - this release:*
smg-25 1998-03-20 6 . 0 . 0 [get it](#)
smg-26 1998-06-26 6 . 1 . 0 [get it](#)
smg-27 1998-10-16 6 . 2 . 0 [get it](#)
smg-28 1999-02-12 6 . 3 . 0 [get it](#)
TP-05 1999-10-08 6 . 4 . 0 [get it](#)
TP-15 2002-03-26 6 . 5 . 0 [get it](#)

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3GPP specification status

Page 781

16 September 2004 20:17:20

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 - 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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R97

08 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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 - general:

remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
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 - general:

remarks - this release:

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3GPP specification status

Page 782

16 September 2004 20:17:21

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:

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 783

16 September 2004 20:17:21

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		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		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>	

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3GPP specification status

Page 784

16 September 2004 20:17:21

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 (BSC-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](#)

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3GPP specification status

Page 785

16 September 2004 20:17:21

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 786

16 September 2004 20:17:21

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 *current version:* 6.14.0 *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-25 1998-03-20 6 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
smg-26 1998-06-26 6 . 1 . 0 [get it](#) *remarks - this release:*
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 *current version:* Network (PLMN) 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David
ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, 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 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #27: 6.0.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 787

16 September 2004 20:17:21

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.

3GPP specification status

Page 788

16 September 2004 20:17:21

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:</i> Procedures and the Mobile Application Part (MAP)	6.2.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo
TeliaSonera AB							
	<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>
	smg-29 1999-06-25 6 . 1 . 0					get it	<i>remarks - this release:</i> #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0
	NP-11 2001-04-04 6 . 2 . 0					get it	
<hr/>							
TS 09.11	Signalling Interworking for Supplementary Services						
R97	<i>current version:</i> 6.0.0		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-26 1998-06-26 6 . 0 . 0					get it	<i>remarks - general:</i>
							<i>remarks - this release:</i> #26: 6.0.0
<hr/>							
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols						
R97	<i>current version:</i> 6.0.0		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-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:</i> 6.1.0		WG (prime / other):	N1	/-	<i>rapporteur:</i>	DAWES, Peter VODAFONE LTD
	<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-28 1999-02-12 6 . 1 . 0					get it	<i>remarks - this release:</i>

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3GPP specification status

Page 789

16 September 2004 20:17:21

ACTIVE specs R97 09 .- series
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TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R97	<i>current version:</i> 6.7.0
	<i>freeze_meeting:</i> smg-26
	<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>freeze_meeting:</i> smg-26
	<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

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3GPP specification status

Page 790

16 September 2004 20:17:21

ACTIVE specs R97 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)				
R97	<i>current version:</i> 6.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-26	<i>G:</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 1998-06-26 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			

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>		
	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			

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>	Skov		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> JURISIC, Andrijana		
	smg-27 1998-03-20 6 . 0 . 0		<i>remarks - general:</i>		withdrawn SMG-30; ; reinstated NP-16
	NP-16 2002-06-26 6 . 1 . 0	get it	<i>remarks - this release:</i>		2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.
	edito post NP-18 2002-12-16 6 . 1 . 1	get it			minor editorials to change style from TS to TR.

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3GPP specification status

Page 791

16 September 2004 20:17:21

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	get it	<i>remarks - general:</i>
GP-07	2002-01-04	6 . 1 . 0	get it	<i>remarks - this release:</i>
GP-08	2002-02-19	6 . 2 . 0	get it	
GP-12	2003-01-03	6 . 3 . 0	get it	

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-28	1999-02-12	6 . 0 . 0	get it	<i>remarks - general:</i>
NP-05	1999-10-08	6 . 1 . 0	get it	<i>remarks - this release:</i> #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.

3GPP specification status

Page 792

16 September 2004 20:17:21

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](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
[get it](#) *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

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
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).

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](#) *remarks - general:*
[get it](#) *remarks - this release:* #32:frozen
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 793

16 September 2004 20:17:21

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 *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-31:6.4.0 but CR later withdrawn)
smg-27	1998-10-16	6 . 2 . 0	get it	
smg-28	1999-02-12	6 . 3 . 0	get it	

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* VACANT, USAI, Paolino
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-09	2002-05-06	6 . 0 . 0	get it	<i>remarks - general:</i>
edito (correction of version on cover)	2002-06-18	6 . 0 . 1	get it	<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05 Subscriber Related Call and Event Data
R97 *current version:* 6.1.0 *WG (prime / other):* S5 / S1 *rapporteur:* ALEXANDER, Benni NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 794

16 September 2004 20:17:22

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 795

16 September 2004 20:17:22

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>				
			<i>remarks - this release:</i>				
<hr/>							
TR 01.04	Abbreviations and acronyms						
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, 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>				

R96

02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 796

16 September 2004 20:17:22

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 *current version:* 5.5.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, 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 . 2 . 0	get it	
smg-24	1997-12-19	5 . 3 . 0	get it	
smg-26	1998-06-26	5 . 4 . 0	get it	
smg-29	1999-06-25	5 . 5 . 0	get it	

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, 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:</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 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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.

3GPP specification status

Page 797

16 September 2004 20:17:22

ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04 General on Supplementary Services

R96 *current version:* 5.7.4

freeze_meeting: smg-22

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-16	1995-10-20	5	.	0	.	0
smg-17	1996-02-02	5	.	1	.	0
smg-18	1996-04-14	5	.	2	.	0
smg-19	1996-06-28	5	.	3	.	0
smg-20	1996-10-11	5	.	4	.	0
ETSI publication	1997-05-02	5	.	4	.	1
smg-21	1997-02-14	5	.	5	.	0
ETSI publication	1997-08-28	5	.	5	.	1
smg-22	1997-06-13	5	.	6	.	0
ETSI OAP	1997-09-19	5	.	6	.	1
ETSI publication	1998-02-27	5	.	6	.	2
smg-23	1997-10-17	5	.	7	.	0
smg-25	1998-03-20	5	.	7	.	1
ETSI publication	1998-02-01	5	.	7	.	2
smg-29	1999-06-25	5	.	7	.	3
ETSI publication	1999-12-29	5	.	7	.	4

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1

freeze_meeting: smg-22

WG (prime / other): S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-20	1996-10-11	5	.	0	.	0
ETSI publication	1997-05-02	5	.	0	.	1
smg-21	1997-02-14	5	.	1	.	0
ETSI publication	1997-08-26	5	.	1	.	1
smg-28	1999-02-12	5	.	2	.	0
ETSI publication	1999-08-04	5	.	2	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 798

16 September 2004 20:17:22

ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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		<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-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		<i>G: yes U:</i>	<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>		
	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		<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 799

16 September 2004 20:17:22

ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0
smg-30 1999-11-11 5 . 1 . 0
SP-08 2000-06-23 5 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0
ETSI publication 1997-05-02 5 . 0 . 1
smg-27 1998-10-16 5 . 1 . 0
ETSI publication 1999-04-08 5 . 1 . 1

WG (prime / other): T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD
G: yes U: *MCC:* JURISIC, Andrijana
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-17 1996-02-02 5 . 0 . 0
smg-19 1996-06-28 5 . 1 . 0
smg-20 1996-10-11 5 . 2 . 0
smg-23 1997-10-17 5 . 3 . 0
smg-25 1998-03-20 5 . 3 . 1
smg-26 1998-06-26 5 . 4 . 0

WG (prime / other): S1 / *rapporteur:* POIRAUD, Patrick ALCATEL S.A.
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0
ETSI publication 1997-05-02 5 . 0 . 1

WG (prime / other): S1 / *rapporteur:* DEOL, Amar Nortel Networks (USA)
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 800

16 September 2004 20:17:22

ACTIVE specs R96 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)

R96 *current version:* 5.7.1 *WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, 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 . 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 *current version:* 5.2.1 *WG (prime / other):* S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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.

3GPP specification status

Page 801

16 September 2004 20:17:22

ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DEOL, Amar		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 802

16 September 2004 20:17:22

ACTIVE specs R96 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

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.

3GPP specification status

Page 803

16 September 2004 20:17:22

ACTIVE specs R96 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)					
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 Routeing (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.

3GPP specification status

Page 804

16 September 2004 20:17:23

ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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.

3GPP specification status

Page 805

16 September 2004 20:17:23

ACTIVE specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* 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](#)

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R96 *current version:* 5.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, 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.

3GPP specification status

Page 806

16 September 2004 20:17:23

ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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, Alexander SIEMENS 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 1996-11-25 5 . 0 . 1	get it	<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.

3GPP specification status

Page 807

16 September 2004 20:17:23

ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22		Chalmers			
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	smg-20 1996-10-11 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 1997-10-17 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 03.08	Organization of Subscriber Data					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, 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-23 1997-10-17 5 . 2 . 0	get it				
<hr/>						
TS 03.09	Handover Procedures					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-22					
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	smg-18 1996-04-12 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 1997-06-13 5 . 1 . 0	get it	<i>remarks - this release:</i> #18: 5.0.0 #22: 5.1.0			
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, 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-22 1997-06-13 5 . 2 . 0	get it				
	smg-23 1997-10-17 5 . 3 . 0	get it				
	smg-24 1997-12-19 5 . 4 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 808

16 September 2004 20:17:23

ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.11 Technical Realization of Supplementary Services - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG
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:*
ETSI publication 1997-06-03 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 03.12 Location Registration Procedures

R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-17 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #17: 5.0.0

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* 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

TS 03.15 Technical Realization of Operator Determined Barring

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-22 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-16 1995-10-20 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 1997-02-14 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #21: 5.1.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 809

16 September 2004 20:17:23

ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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	<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-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	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo	Chalmers		
	<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	<i>G: yes U:</i>	<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.

3GPP specification status

Page 810

16 September 2004 20:17:23

ACTIVE specs R96 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						
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				

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 811

16 September 2004 20:17:23

ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 *current version:* 5.2.0

freeze_meeting: smg-22

history (event, available, version, comments):

smg-21	1997-02-14	5	.	0	.	0
smg-26	1998-06-26	5	.	1	.	0
smg-28	1999-02-12	5	.	2	.	0

WG (prime / other): N1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

[get it](#)

TS 03.38 Alphabets and language-specific information

R96 *current version:* 5.6.1

freeze_meeting: smg-22

history (event, available, version, 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		5	.	4	.	1
smg-21	1997-02-14	5	.	5	.	0
ETSI publication		5	.	5	.	1
smg-22	1997-06-13	5	.	6	.	0
Editorial correction	1997-07-13	5	.	6	.	1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

[get it](#)

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TS 03.40 Technical realization of the Short Message Service (SMS)

R96 *current version:* 5.8.1

freeze_meeting: smg-22

history (event, available, version, 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
smg-21	1997-02-14	5	.	5	.	0
smg-22	1997-06-13	5	.	6	.	0
smg-23	1997-10-17	5	.	7	.	0
smg-26	1998-06-26	5	.	8	.	0
Editorial change	1998-07-26	5	.	8	.	1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* 2003-12-03: Note that this spec also contains stage 3.

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 812

16 September 2004 20:17:23

ACTIVE specs R96 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)

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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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 813

16 September 2004 20:17:23

ACTIVE specs R96 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)
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](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R96 *current version:* 5.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-05-02 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-21 1997-02-14 5 . 1 . 0 [get it](#)
ETSI publication 1997-08-26 5 . 1 . 1 [get it](#)
smg-22 1997-06-13 5 . 2 . 0 [get it](#)
ETSI publication 1998-02-02 5 . 2 . 1 [get it](#)

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
R96 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, 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](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 814

16 September 2004 20:17:24

ACTIVE specs R96 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)								
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								
		G: yes U:	MCC:	RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</i>								
	smg-16	1995-10-20	5 . 0 . 0	get it	remarks - general:				
	smg-18	1996-04-12	5 . 1 . 0	get it	remarks - this release:				
	smg-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					

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System								
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	TELECOM ITALIA S.p.A.					
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version, comments):</i>								
	smg-17	1996-02-02	5 . 0 . 0	get it	remarks - general:				
	smg-20	1996-10-11	5 . 0 . 1	get it	remarks - this release: #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0				
	smg-24	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					

TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2								
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version, comments):</i>								
	smg-23	1997-10-17	5 . 1 . 0	get it	remarks - general:				
	smg-24	1997-12-19	5 . 2 . 0	get it	remarks - this release: #23: 5.1.0 #24: 5.2.0				

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 815

16 September 2004 20:17:24

ACTIVE specs R96 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						
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>		

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			

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.

3GPP specification status

Page 816

16 September 2004 20:17:24

ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.69	Voice Broadcast service (VBS); Stage 2								
R96	<i>current version:</i> 5.6.0								
	<i>freeze_meeting:</i> smg-22								
	<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		<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		
	ETSI publication	1997-06-03	5	.	1	.	2		
	smg-21	1997-02-14	5	.	2	.	0		
	ETSI publication	1997-08-26	5	.	2	.	1		
	smg-23	1997-10-17	5	.	3	.	0		
	ETSI publication	1998-04-07	5	.	3	.	1		
	smg-24	1997-12-19	5	.	4	.	0		
	ETSI publication	1999-10-23	5	.	4	.	1		
	smg-26	1998-06-26	5	.	5	.	0		
	ETSI publication	1998-12-10	5	.	5	.	1		
	NP-21	2003-10-13	5	.	6	.	0		

TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)								
R96	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> smg-22								
	<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.

3GPP specification status

Page 817

16 September 2004 20:17:24

ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.78 customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R96 *current version:* 5.8.0 *WG (prime / other):* 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.

3GPP specification status

Page 818

16 September 2004 20:17:24

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 (MPY) Supplementary Services; Stage 2					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-Mobile 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.

3GPP specification status

Page 819

16 September 2004 20:17:24

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 mm02 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:* 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.

3GPP specification status

Page 820

16 September 2004 20:17:24

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 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
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: #18: 5.0.0

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities
R96 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
smg-18 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 1997-02-14 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-22 1997-06-13 5 . 2 . 0 [get it](#)
smg-24 1997-12-19 5 . 3 . 0 [get it](#)

TS 04.04 Layer 1 - General Requirements
R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: smg-22 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 1997-05-02 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-24 1997-12-19 5 . 1 . 0 [get it](#)

TS 04.05 Data Link (DL) Layer General Aspects
R96 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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 . 1 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 821

16 September 2004 20:17:24

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	

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3GPP specification status

Page 822

16 September 2004 20:17:24

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	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-17	1996-02-02	5 . 1 . 0	get it	
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.

3GPP specification status

Page 823

16 September 2004 20:17:24

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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		G: yes U:	MCC:	KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>				
	smg-20 1996-10-11 5 . 0 . 0				<i>remarks - general:</i>
	edito 1996-10-11 5 . 0 . 1				<i>remarks - this release:</i>
					get it
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> smg-22		MCC:	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	smg-16 1995-10-20 5 . 0 . 0				<i>remarks - general:</i>
	smg-17 1996-02-02 5 . 1 . 0				<i>remarks - this release:</i>
	smg-20 1996-10-11 5 . 1 . 1				get it
	smg-21 1997-02-14 5 . 2 . 0				get it
	ETSI publication 1997-09-15 5 . 2 . 1				get it
	NP-09 2000-10-24 5 . 3 . 0				get it
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22		Skov		
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-19 1996-06-28 5 . 0 . 0				<i>remarks - general:</i>
	smg-20 1996-10-11 5 . 0 . 1				<i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
	ETSI Publication 2000-11-28 5 . 0 . 2				get it
					get it
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DAWES, Peter	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22		MCC:	JURISIC, Andrijana	
	<i>history (event, available, version, comments):</i>				
	smg-18 1996-04-12 5 . 0 . 0				<i>remarks - general:</i>
	smg-20 1996-10-11 5 . 1 . 0				<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0
	ETSI Publication 2000-11-28 5 . 1 . 1				get it
					get it

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 824

16 September 2004 20:17:25

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	G: yes U:	<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	G: yes U:	<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					
				TSG#8:5.7.0					
	smg-22 1997-06-13	5 . 2 . 0	get it						
	smg-23 1997-10-17	5 . 3 . 0	get it						
	smg-24 1997-12-19	5 . 4 . 0	get it						
	smg-25 1998-03-20	5 . 5 . 0	get it						
	smg-27 1998-10-16	5 . 6 . 0	get it						
	NP-08 2000-06-21	5 . 7 . 0	get it						
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R96	<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	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-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.

3GPP specification status

Page 825

16 September 2004 20:17:25

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:

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 [get it](#) *remarks - general:*
ETSI Publication 2000-11-28 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0

TS 04.68 Group Call Control (GCC) Protocol
R96 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-22 *G: yes U:* *MCC:* 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](#)

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.

3GPP specification status

Page 826

16 September 2004 20:17:25

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	<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-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				
<hr/>						
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	<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 1996-11-11 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0			
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TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	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 1996-11-11 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0			
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TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<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 1996-11-11 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0			
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TS 04.84	Multi Party (MPTY) 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	<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 1996-11-11 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.

3GPP specification status

Page 827

16 September 2004 20:17:25

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	<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 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	<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 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	<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>
	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	<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 1996-11-11 5 . 0 . 1				get it <i>remarks - this release:</i> #20: 5.0.0
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TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R96	<i>current version:</i> 5.1.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	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-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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 828

16 September 2004 20:17:25

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 <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-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 <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
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 access; U = required in systems with UMTS access.

3GPP specification status

Page 829

16 September 2004 20:17:25

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

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

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

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remarks - general:

[get it](#)

remarks - this release: #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0

GERAN#1:5.6.0

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TS 05.04 Modulation

R96 *current version:* 5.1.1

freeze_meeting: smg-22

history (event, available, version, 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

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

NOKIA Corporation

G: yes U:

MCC: USAI, Paolino

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3GPP specification status

Page 830

16 September 2004 20:17:25

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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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 831

16 September 2004 20:17:25

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

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

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

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remarks - this release:

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TS 05.10 Radio subsystem synchronization

R96 *current version:* 5.4.1

freeze_meeting: smg-22

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

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

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3GPP specification status

Page 832

16 September 2004 20:17:25

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 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TR 05.50 Background for RF Requirements

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0
smg-21 1997-02-14 5 . 1 . 0
smg-23 1997-10-17 5 . 1 . 1

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1
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TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 1998-05-28 5 . 0 . 0 No proper source file available

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

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remarks - this release: .

R96

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0
smg-23 1997-10-17 5 . 1 . 0
ETSI Publication 1997-11-17 5 . 1 . 1

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

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G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 833

16 September 2004 20:17:26

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: #20: 5.0.0</i>
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1</i>
	smg-23 1997-10-17 5 . 1 . 1				get it	
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0</i>
	smg-23 1997-10-17 5 . 2 . 0				get it	
	ETSI Publication 1997-11-17 5 . 2 . 1				get it	
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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: #20: 5.0.0</i>

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 834

16 September 2004 20:17:26

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	<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-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			
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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			
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TS 06.20	Half Rate Speech Transcoding					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<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		
	ETSI Publication 1997-07-13 5 . 1 . 1		get it			

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 835

16 September 2004 20:17:26

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:	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			
<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:	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			
<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:	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			
<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:	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 . 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:	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 . 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				

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 836

16 September 2004 20:17:26

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>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 . 0 . 1			get it		<i>remarks - this release:</i>	#20: 5.0.0 #22: 5.0.1		

TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, 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					

TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec								
R96	<i>current version:</i> 5.1.3	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version, 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					

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 837

16 September 2004 20:17:26

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 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
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](#) *remarks - general:*
smg-22 1997-06-13 5 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-19 1996-06-28 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #19: 5.0.0

TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
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](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #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](#)

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
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](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1
smg-20 1996-10-11 5 . 1 . 1 [get it](#)
ETSI Publication 1996-11-11 5 . 1 . 2 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 838

16 September 2004 20:17:26

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 *current version:* 5.1.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3</i>
smg-20	1996-10-11	5	.	1	.	1	get it
ETSI publication	1997-03-28	5	.	1	.	2	get it
smg-23	1997-10-17	5	.	1	.	3	get it

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0</i>
smg-20	1996-10-11	5	.	1	.	1	get it
smg-22	1997-06-13	5	.	1	.	2	get it
smg-30	1999-11-11	5	.	2	.	0	get it
ETSI Publication	2000-05-09	5	.	2	.	1	get it

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

R96 *current version:* 5.0.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3</i>
smg-22	1997-06-13	5	.	0	.	3	get it

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

smg-26	1998-06-26	5	.	0	.	0	get it <i>remarks - general:</i>
							<i>remarks - this release: #26: 5.0.0</i>

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 839

16 September 2004 20:17:26

ACTIVE 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 07.01 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:</i> #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0
smg-20	1996-10-11	5 . 1 . 1	get it	
smg-21	1997-02-14	5 . 2 . 0	get it	
smg-22	1997-06-13	5 . 3 . 0	get it	
smg-23	1997-10-17	5 . 4 . 0	get it	
smg-24	1997-12-19	5 . 5 . 0	get it	
ETSI Publication	1998-01-19	5 . 5 . 1	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 840

16 September 2004 20:17:26

ACTIVE specs R96 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R96 *current version:* 5.4.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, 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:</i> #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0
smg-21	1997-02-14	5	.	1	.	0	get it
smg-22	1997-06-13	5	.	2	.	0	get it
smg-23	1997-10-17	5	.	3	.	0	get it
smg-24	1997-12-19	5	.	4	.	0	get it
ETSI Publication	1998-01-19	5	.	4	.	1	get it

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 841

16 September 2004 20:17:26

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

Page 842

16 September 2004 20:17:26

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 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 Skov
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-20 1996-10-11 5 . 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

R96 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 Skov
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version, comments):
smg-17 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 1996-04-12 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-25 1998-03-20 5 . 2 . 0 [get it](#)
smg-28 1999-02-12 5 . 3 . 0 [get it](#)

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R96 *current version:* 5.12.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 Skov
G: yes U: *MCC:* THOMASEN, Gert
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-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 access; U = required in systems with UMTS access.

3GPP specification status

Page 843

16 September 2004 20:17:27

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:	<i>MCC:</i> 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:	<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>
	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:	<i>MCC:</i> 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:	<i>MCC:</i> 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 844

16 September 2004 20:17:27

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
current version: 5.0.0
freeze_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):
smg-16 1995-10-20 5 . 0 . 0

[get it](#) remarks - general:
remarks - this release:

TS 08.56 BSC-BTS Layer 2; Specification

R96
current version: 5.0.0
freeze_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0

[get it](#) remarks - general:
remarks - this release:

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R96
current version: 5.10.0
freeze_meeting: smg-22

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S
Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version, comments):
smg-16 1995-10-20 5 . 0 . 0
smg-17 1996-02-02 5 . 1 . 0

smg-19 1996-06-28 5 . 2 . 0
smg-21 1997-02-14 5 . 3 . 0
smg-22 1997-06-13 5 . 4 . 0
smg-23 1997-10-17 5 . 5 . 0
smg-24 1997-12-19 5 . 6 . 0
smg-25 1998-03-20 5 . 7 . 0
smg-26 1998-06-26 5 . 8 . 0
smg-29 1999-06-25 5 . 9 . 0
smg-30 1999-11-11 5 . 10 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25:
5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 845

16 September 2004 20:17:27

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 846

16 September 2004 20:17:27

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 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#)

remarks - general: CN->N4 Apr00 (JMM)

remarks - this release:

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 847

16 September 2004 20:17:27

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>rporteur:</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
<hr/>	
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rporteur:</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
<hr/>	
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rporteur:</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
<hr/>	
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet
R96	<i>current version:</i> Switched Data Transmission Services 5.0.2 <i>WG (prime / other):</i> N3 /- <i>rporteur:</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-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.

3GPP specification status

Page 848

16 September 2004 20:17:27

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: Network (PSTN)</i>	5.10.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting: smg-22</i>		<i>G: yes</i>	<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-17	1996-02-02	5	.	0	.	1	get it	<i>remarks - this release: #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23:</i>
									<i>5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0</i>
	smg-18	1996-04-12	5	.	1	.	0	get it	
	smg-19	1996-06-28	5	.	2	.	0	get it	
	smg-20	1996-10-11	5	.	2	.	1	get it	
	smg-21	1997-02-14	5	.	3	.	0	get it	
	smg-22	1997-06-13	5	.	4	.	0	get it	
	smg-23	1997-10-17	5	.	5	.	0	get it	
	smg-24	1997-12-19	5	.	6	.	0	get it	
	smg-25	1998-03-20	5	.	7	.	0	get it	
	smg-27	1998-10-16	5	.	8	.	0	get it	
	smg-28	1999-02-12	5	.	9	.	0	get it	
	NP-06	1999-12-15	5	.	10	.	0	get it	
	ETSI Publication	2000-07-05	5	.	10	.	1	get it	

TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R96	<i>current version: 5.1.0</i>		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh Ericsson Incorporated		
	<i>freeze_meeting: smg-22</i>								
	<i>history (event, available, version, comments):</i>		<i>G: yes</i>	<i>U:</i>		<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: #20: 5.0.0 #21: 5.1.0</i>

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R96	<i>current version: Procedures and the Mobile Application Part (MAP)</i>	5.2.0	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting: smg-22</i>		<i>G: yes</i>	<i>U:</i>		<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: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0</i>
	smg-23	1997-10-17	5	.	2	.	0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 849

16 September 2004 20:17:27

ACTIVE specs R96 09 .- series
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TS 09.11 Signalling Interworking for Supplementary Services

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-18 1996-04-12 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 1996-06-28 5 . 1 . 0 [get it](#) *remarks - this release:* #18: 5.0.0 #19: 5.1.0

TS 09.78 CAMEL Application Part phase 2 (stage 3)

R96 *current version:* 5.7.0 *WG (prime / other):* N4 / - *rapporteur:* NOLDUS, Rogier Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-21 2000-02-14 5 . 0 . 0 [get it](#) *remarks - general:* NP-24: txferred to N4 on closure of N2.
smg-22 1997-06-13 5 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

R96 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-17? 1996-02-02 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 2001-01-02 5 . 1 . 0 [get it](#) *remarks - this release:*

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

R96 *current version:* 5.1.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-21 *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
smg-20 1996-10-11 5 . 0 . 0 withdrawn SMG-30; reinstated NP-16 [get it](#) *remarks - general:*
NP-16 2002-06-26 5 . 1 . 0 [get it](#) *remarks - this release:* 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 [get it](#)
TR.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 850

16 September 2004 20:17:27

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.

3GPP specification status

Page 851

16 September 2004 20:17:27

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 freeze_meeting: smg-22
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-18	1996-04-12	5	.	0	.	0	get it	remarks - general:	R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
	smg-21	1997-02-14	5	.	1	.	0	get it	remarks - this release:	#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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 852

16 September 2004 20:17:27

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 853

16 September 2004 20:17:28

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	G: yes U:	MCC: 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	G: yes U:	MCC: 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 854

16 September 2004 20:17:28

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 [get it](#) *remarks - this release:* .
smg-26 1998-06-26 5 . 2 . 0 [get it](#)
Editorial correction 1998-06-26 5 . 2 . 1 [get it](#)

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration
R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* MCC: ZOICAS, Adrian
history (event, available, version, 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.

3GPP specification status

Page 855

16 September 2004 20:17:28

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, Paulino
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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 856

16 September 2004 20:17:28

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 857

16 September 2004 20:17:28

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 *current version:* 4.3.1 *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 . 2 . 2 [get it](#) *remarks - general:*
smg-11 1994-07-01 4 . 3 . 0 [get it](#) *remarks - this release:*
ETSI publication 1996-01-19 4 . 3 . 1 [get it](#)

TS 02.04 General on Supplementary Services

Ph2 *current version:* 4.9.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-07 1993-06-25 4 . 5 . 1 [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-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](#)

TS 02.06 Types of Mobile Stations (MS)

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* WATSON, John VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-07 1993-06-25 4 . 1 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 2 . 0 [get it](#) *remarks - this release:*
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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 858

16 September 2004 20:17:28

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>freeze_meeting:</i> smg-11b								
	<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				
<hr/>									
TS 02.09	Security aspects								
Ph2	<i>current version:</i> 4.5.1								
	<i>freeze_meeting:</i> smg-11b								
	<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				
<hr/>									
TS 02.11	Service accessibility								
Ph2	<i>current version:</i> 4.9.0								
	<i>freeze_meeting:</i> smg-11b								
	<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 859

16 September 2004 20:17:28

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

freeze_meeting: smg-11b

history (event, available, version, comments):

smg-07	1993-06-25	4	.	3	.	1
smg-12	1994-10-07	4	.	4	.	0
smg-13	1995-01-27	4	.	5	.	0
smg-30	1999-11-11	4	.	6	.	0
ETSI publication	2000-07-07	4	.	6	.	1
smg-08	1993-10-01	4	.	7	.	0
ETSI publication	2000-11-28	4	.	7	.	1

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

Ph2 *current version:* 4.3.3

freeze_meeting: smg-11b

history (event, available, version, comments):

..	2001-08-30	4	.	0	.	0
smg-02	2001-08-30	4	.	1	.	0
smg-05	1993-06-25	4	.	2	.	0
..	2001-08-30	4	.	2	.	1
smg-08		4	.	3	.	0
..	1993-10-01	4	.	3	.	1
ETSI PE	1993-11-01	4	.	3	.	2
ETSI publication	1994-09-13	4	.	3	.	3

WG (prime / other): T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD

G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.24 Description of Charge Advice Information (CAI)

Ph2 *current version:* 4.5.0

freeze_meeting: smg-11b

history (event, available, version, comments):

smg-07	1993-06-25	4	.	1	.	1
smg-08	1993-10-01	4	.	2	.	0
smg-09	1994-01-21	4	.	2	.	1
smg-10	1994-04-15	4	.	3	.	0
smg-11	1994-07-01	4	.	4	.	0
smg-15	1995-07-07	4	.	5	.	0

WG (prime / other): S1 / *rapporteur:* DEOL, Amar Nortel Networks (USA)

G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 860

16 September 2004 20:17:28

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 *current version:* 4.13.0 *WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-07 1993-06-25 4 . 9 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 10 . 0 [get it](#) *remarks - this release:*
smg-10 1994-04-15 4 . 11 . 0 [get it](#)
smg-12 1995-10-07 4 . 12 . 0 [get it](#)
smg-13 1995-01-27 4 . 13 . 0 [get it](#)

TS 02.40 Procedures for Call Progress Indications

Ph2 *current version:* 4.5.0 *WG (prime / other):* S1 / NP *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 . 2 . 1 [get it](#) *remarks - general:*
smg-09 1994-01-21 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-10 1994-04-15 4 . 4 . 0 [get it](#)
smg-14 1995-04-07 4 . 5 . 0 [get it](#)

TS 02.41 Operator Determined Barring

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / *rapporteur:* WATSON, John VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-07 1993-06-25 4 . 4 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 5 . 0 [get it](#) *remarks - this release:*
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.

3GPP specification status

Page 861

16 September 2004 20:17:28

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 *current version:* 4.6.1 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-07 1993-06-25 4 . 3 . 1
smg-10 1994-04-15 4 . 4 . 0
smg-11 1994-07-01 4 . 4 . 1
smg-12 1994-10-07 4 . 5 . 0
smg-16 1995-10-20 4 . 5 . 1
smg-24 1997-12-19 4 . 6 . 0
ETSI publication 1998-06-17 4 . 6 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* IBIDUN, Kunle ORANGE SA
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-07 1993-06-25 4 . 4 . 2
smg-10 1994-04-15 4 . 5 . 0
smg-16 1995-10-20 4 . 5 . 2

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2*
[get it](#)

TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2 *current version:* 4.6.7 *WG (prime / other):* S1 / - *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 . 6 . 3
smg-10 1994-04-15 4 . 6 . 5
smg-16 1995-10-20 4 . 6 . 7

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7*
[get it](#)

TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.7 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-07 1993-06-25 4 . 4 . 2
smg-11 1994-07-01 4 . 4 . 5
smg-16 1995-10-20 4 . 4 . 7

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7*
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 862

16 September 2004 20:17:28

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 *current version:* 4.2.6 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-07 1993-06-25 4 . 2 . 2 [get it](#) *remarks - general:*
smg-16 1995-10-20 4 . 2 . 6 [get it](#) *remarks - this release:* #7: 4.2.2 #16: 4.2.6

TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

Ph2 *current version:* 4.1.5 *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](#) *remarks - general:*
smg-16 1993-10-01 4 . 1 . 5 [get it](#) *remarks - this release:* #7: 4.1.1 #16: 4.1.5

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.3 *WG (prime / other):* S1 / - *rapporteur:* ACHTER, Johannes T-Mobile International AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-07 1993-06-25 4 . 3 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 4 . 0 [get it](#) *remarks - this release:* #7: 4.3.0 #8: 4.4.0 #16: 4.4.3
smg-16 1995-01-27 4 . 4 . 3 [get it](#)

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

Ph2 *current version:* 4.1.1 *WG (prime / other):* S1 / - *rapporteur:* IGNATIUS, Jan NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-08 1993-10-01 4 . 0 . 1 [get it](#) *remarks - general:*
smg-21 1997-02-14 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.1 #21: 4.1.0
ETSI publication 1997-09-15 4 . 1 . 1 [get it](#)

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 863

16 September 2004 20:17:29

ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions						
Ph2	<i>current version:</i> 4.0.4						
	<i>freeze_meeting:</i> smg-11b						
	<i>history (event, available, version, 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>freeze_meeting:</i> smg-11b						
	<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>freeze_meeting:</i> smg-11b						
	<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>freeze_meeting:</i> smg-11b						
	<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		

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 864

16 September 2004 20:17:29

ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05	Technical performance objectives				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> 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		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 865

16 September 2004 20:17:29

ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

Ph2 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-07 1993-06-25 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 3 . 0 [get it](#) *remarks - this release:*
Publication 1994-09-13 4 . 3 . 1 [get it](#)

TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 4 . 4 . 0 *remarks - general:*
ETSI public enquiry 2002-10-24 4 . 4 . 1 [get it](#) *remarks - this release:*
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](#)

TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 1993-06-25 4 . 3 . 0 [get it](#) *remarks - general:*
smg-08 1993-10-01 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0*
Publication 1994-09-13 4 . 4 . 2 [get it](#)

TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2 *current version:* 4.0.4 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 1 [get it](#) *remarks - general:*
Publication 1994-09-13 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 866

16 September 2004 20:17:29

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	<i>G: yes U:</i>		<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	<i>G: yes U:</i>		<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	<i>G: yes U:</i>		<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	<i>G: yes U:</i>		<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.

3GPP specification status

Page 867

16 September 2004 20:17:29

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 868

16 September 2004 20:17:29

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	Published as ETS amendment A1	get it	
smg-15	1995-07-07	4	.	11	.	0		get it	
smg-16	1995-10-20	4	.	12	.	0		get it	
smg-18	1996-04-12	4	.	13	.	0		get it	

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.

3GPP specification status

Page 869

16 September 2004 20:17:29

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 *current version:* 4.0.1 *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	.	0	.	0		get it	<i>remarks - general:</i>
Editorial	1998-07-30	4	.	0	.	1		get it	<i>remarks - this release:</i>

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
Ph2 *current version:* 4.5.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, 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-09	1994-01-21	4	.	3	.	1		get it	
smg-10	1994-04-15	4	.	4	.	0		get it	
smg-11	1994-07-01	4	.	4	.	1		get it	
smg-14	1995-04-07	4	.	5	.	0		get it	

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
Ph2 *current version:* 4.1.2 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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	

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
Ph2 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/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	.	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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 871

16 September 2004 20:17:29

ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81 Line Identification Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* 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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26: 4.8.0

[get it](#)

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[get it](#)

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)

freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.3.0 #11: 4.3.2 #12: 4.4.0

[get it](#)

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 872

16 September 2004 20:17:30

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 <i>remarks - general:</i>
smg-09	1994-01-21	4	.	2	.	0	get it <i>remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0</i>
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 <i>remarks - general:</i>
smg-08	1993-10-01	4	.	1	.	0	get it <i>remarks - this release:</i>
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 <i>remarks - general:</i>
smg-08	1993-10-01	4	.	2	.	0	get it <i>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</i>
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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 873

16 September 2004 20:17:30

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](#) *remarks - general:*
smg-10 1994-04-15 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #10: 4.5.0 #12: 4.6.0
smg-12 1994-10-07 4 . 6 . 0 [get it](#)
Editorial 1994-11-07 4 . 6 . 1 [get it](#)

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mmO2 plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-08 1993-10-01 4 . 0 . 0 [get it](#) *remarks - general:*
smg-15 1995-07-07 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #15: 4.1.0
Editorial 1995-08-07 4 . 1 . 1 [get it](#)

Ph2 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels 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](#) *remarks - general:*
ETSI publication 1996-01-19 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels 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](#) *remarks - general:*
ETSI publication 1996-01-19 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 874

16 September 2004 20:17:30

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		
		G: yes U:	MCC:	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			

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	G: yes U:	MCC:	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>	

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		
		G: yes U:	MCC:	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>	

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		
		G: yes U:	MCC:	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 access; U = required in systems with UMTS access.

3GPP specification status

Page 875

16 September 2004 20:17:30

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
freeze_meeting: smg-11b
history (event, available, version, comments):

smg-07	1993-06-25	4	.	1	.	1	
smg-10	1994-04-15	4	.	2	.	0	get it <i>remarks - general:</i>
smg-12	1994-10-07	4	.	3	.	0	get it <i>remarks - this release:</i>
ETSI Publication	1997-11-07	4	.	3	.	1	get it

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JURISIC, Andrijana

3GPP specification status

Page 876

16 September 2004 20:17:30

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.

3GPP specification status

Page 877

16 September 2004 20:17:30

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 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
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-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 *current version:* 4.11.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-11b

G: yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *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 . 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.

3GPP specification status

Page 878

16 September 2004 20:17:30

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 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* DAWES, Peter VODAFONE LTD
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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 *current version:* 4.6.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, 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> #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published version of ETS replacing OAP version
smg-11	1994-07-01	4	.	4	.	0	get it
smg-13	1995-01-27	4	.	5	.	0	get it
smg-14	1995-04-07	4	.	6	.	0	get it
published version 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 *current version:* **Switching Centre (BSS - MSC) interface** 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG

freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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.

3GPP specification status

Page 879

16 September 2004 20:17:30

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:</i> #7: 4.2.0 #10: 4.3.0 #12: 4.4.0
smg-12	1994-10-07	4 . 4 . 0	get it	
ETSI Publication	1994-11-07	4 . 4 . 1	get it	

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph2 *current version:* 4.9.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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:</i> #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0
smg-12	1994-10-07	4 . 8 . 0	get it	
smg-17	1996-02-02	4 . 9 . 0	get it	
Editorial	1996-03-02	4 . 9 . 1	get it	

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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:</i> #7: 4.4.0 #9: 4.5.0 #17: 4.6.0
smg-17	1996-02-02	4 . 6 . 0	get it	
Editorial	1996-03-02	4 . 6 . 1	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 880

16 September 2004 20:17:30

ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.84 Multi Party (MPHY) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 1993-06-25 4 . 2 . 0
smg-09 1994-01-21 4 . 3 . 0
ETSI Publication 1994-02-21 4 . 3 . 2

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-Mobile International AG
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.2.0 #9: 4.3.0
[get it](#)

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 0
smg-18 1996-04-12 4 . 1 . 0
Editorial 1996-05-12 4 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.0.0 #18: 4.1.0
[get it](#)

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 1993-06-25 4 . 2 . 0
smg-08 1993-10-01 4 . 4 . 0
smg-11 1994-07-01 4 . 5 . 0
ETSI Publication 1995-03-14 4 . 5 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.2.0 #8: 4.4.0 #11: 4.5.0
[get it](#)
[get it](#)

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2 *current version:* 4.7.1
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 1993-06-25 4 . 6 . 0
smg-17 1996-02-02 4 . 7 . 0
Editorial 1996-03-02 4 . 7 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.6.0 #17: 4.7.0
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 881

16 September 2004 20:17:30

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 882

16 September 2004 20:17:31

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		WG (prime / other): G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<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 . 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		WG (prime / other): G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<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 . 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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3GPP specification status

Page 884

16 September 2004 20:17:31

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

freeze_meeting: smg-11b

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

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 05.10 Radio subsystem synchronization

Ph2 *current version:* 4.9.0

freeze_meeting: smg-11b

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

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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3GPP specification status

Page 885

16 September 2004 20:17:31

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 *current version:* 4.0.0
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-18 1996-04-12 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-Mobile International AG
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: #18: 4.0.0

TR 05.50 Background for RF Requirements

Ph2 *current version:* 4.2.0
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-08 1993-10-01 4 . 0 . 0
smg-13 1995-01-27 4 . 1 . 0
smg-17 1996-02-02 4 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #8: 4.0.0 #13: 4.1.0 #17: 4.2.0
[get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

Ph2 *current version:* 4.3.0
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 4 . 1 . 0
smg-08 4 . 2 . 0
ETSI publication 1994-02-15 4 . 2 . 1
smg-15 1995-08-15 4 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:
[get it](#)
[get it](#)

Ph2 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

Ph2 *current version:* 4.0.7
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 2
smg-23 1997-10-17 4 . 0 . 6
ETSI Publication 1998-04-07 4 . 0 . 7

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 886

16 September 2004 20:17:31

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	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			
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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	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-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	G: yes U:	<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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3GPP specification status

Page 887

16 September 2004 20:17:31

ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10 Full Rate Speech Transcoding

Ph2 *current version:* 4.3.0 *WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 0 [get it](#) *remarks - general:*
smg-23 1997-10-17 4 . 1 . 0 [get it](#) *remarks - this release:*
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 *current version:* 4.0.6 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 1 [get it](#) *remarks - general:*
smg-23 1997-10-17 4 . 0 . 5 [get it](#) *remarks - this release: #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 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 1993-06-25 4 . 0 . 1 [get it](#) *remarks - general:*
ETSI Publication 1994-09-13 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*
SP-12 2001-06-29 4 . 1 . 0 [get it](#)

TS 06.20 Half Rate Speech Transcoding

Ph2 *current version:* 4.3.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-13 1995-01-27 4 . 0 . 0 [get it](#) *remarks - general:*
smg-14 1995-04-07 4 . 1 . 0 [get it](#) *remarks - this release: #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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 888

16 September 2004 20:17:31

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	<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		
<hr/>					
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, 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	<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>		
	smg-23 1997-10-17 4 . 0 . 5	get it	<i>remarks - this release:</i> #7: 4.0.1 #23: 4.0.5		
<hr/>					
TS 06.32	Voice Activity Detection (VAD)				
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, 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			

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 889

16 September 2004 20:17:31

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				
<hr/>						
TS 06.51	GSM Enhanced full rate speech processing functions: General description					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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				
<hr/>						
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-23 1997-10-17 4 . 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.

3GPP specification status

Page 890

16 September 2004 20:17:31

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	<i>G: yes U:</i>	<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 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		
<hr/>					
TR 06.55	Performance characterisation of the GSM EFR Speech Codec				
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, 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>	
<hr/>					
TS 06.60	Enhanced full rate speech transcoding				
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, 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	<i>G: yes U:</i>	<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>	
	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	<i>G: yes U:</i>	<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: #23: 4.0.1</i>	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 891

16 September 2004 20:17:31

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.

3GPP specification status

Page 892

16 September 2004 20:17:31

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.

3GPP specification status

Page 893

16 September 2004 20:17:32

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 Skov
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 Skov
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	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 894

16 September 2004 20:17:32

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 Skov
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 Skov
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 Skov
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.

3GPP specification status

Page 895

16 September 2004 20:17:32

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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3GPP specification status

Page 896

16 September 2004 20:17:32

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 *current version:* 4.9.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b Skov

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-07	1993-06-25	4	.	3	.	0
smg-08	1993-10-01	4	.	4	.	0
smg-09	1994-01-21	4	.	5	.	0
smg-10	1994-04-15	4	.	6	.	0
smg-13	1995-01-27	4	.	7	.	0
smg-15	1995-07-07	4	.	8	.	0
smg-16	1995-10-20	4	.	9	.	0

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remarks - general:

[get it](#)

remarks - this release: #7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0

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TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels

Ph2 *current version:* 4.4.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b Skov

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-07	1993-06-25	4	.	1	.	0
smg-13	1995-01-27	4	.	2	.	0
smg-22	1997-06-13	4	.	3	.	0
smg-23	1997-10-17	4	.	4	.	0
Editorial	1997-11-17	4	.	4	.	1

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remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels

Ph2 *current version:* 4.0.2 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-11b Skov

G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-13	1995-01-27	4	.	0	.	0
ETSI Publication	1996-01-19	4	.	0	.	2

[get it](#)

remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.

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remarks - this release:

Ph2

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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3GPP specification status

Page 897

16 September 2004 20:17:32

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.

3GPP specification status

Page 898

16 September 2004 20:17:32

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 899

16 September 2004 20:17:32

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>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes</i>	<i>U:</i>		<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: 4.11.0 #20: 4.12.0 #27: 4.13.0			
	smg-09	1994-01-21	4 . 6 . 0		get it				
	smg-10	1994-04-15	4 . 7 . 0		get it				
	smg-13	1995-01-27	4 . 8 . 0		get it				
	smg-14	1995-04-07	4 . 9 . 0		get it				
	smg-16	1995-10-20	4 . 10 . 0		get it				
	smg-18	1996-04-12	4 . 11 . 0		get it				
	smg-20	1996-10-11	4 . 12 . 0		get it				
	smg-27	1998-10-16	4 . 13 . 0		get it				
	ETSI Publication	1999-03-23	4 . 13 . 1		get it				
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
Ph2	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-11b		<i>G: yes</i>	<i>U:</i>		<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				
<hr/>									
TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Ph2	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.4.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-11b		<i>G: yes</i>	<i>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 . 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.

3GPP specification status

Page 900

16 September 2004 20:17:32

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 *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 <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

TS 09.12 Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Paart 1: Protocol

Ph2 *current version:* 4.2.2 *WG (prime / other):* TISPAN/ N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-11b *G: yes U:* *MCC:*

history (event, available, version, comments):

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

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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

TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

Ph2 *current version:* 4.0.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

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.

3GPP specification status

Page 901

16 September 2004 20:17:32

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
freeze_meeting: smg-11b
current version: 4.6.1
WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
Skov
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> <i>remarks - this release:</i> v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.
smg-15	1995-07-07	4 . 1 . 0	get it	
smg-16	1995-10-20	4 . 2 . 0	get it	
smg-19	1996-06-28	4 . 3 . 0	get it	
smg-23	1997-10-17	4 . 4 . 0	get it	
smg-30	1999-11-11	4 . 5 . 0	get it	
NP-16	2002-06-26	4 . 6 . 0	get it	
edito post NP-18	2002-12-16	4 . 6 . 1	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

3GPP specification status

Page 902

16 September 2004 20:17:32

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 903

16 September 2004 20:17:33

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.

3GPP specification status

Page 904

16 September 2004 20:17:33

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	G: yes U:	MCC: 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	G: yes U:	MCC: 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.

3GPP specification status

Page 905

16 September 2004 20:17:33

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	get it	<i>remarks - general:</i>
smg-15	1995-07-07	4 . 1 . 0	get it	<i>remarks - this release:</i> Not progressed to Ph2+ because no regulatory requirement.
smg-16	1995-10-20	4 . 2 . 0	get it	
smg-17	1996-02-02	4 . 3 . 0	get it	
smg-18	1996-04-12	4 . 4 . 0	get it	
smg-19	1996-06-28	4 . 5 . 0	get it	
smg-21	1997-02-14	4 . 6 . 0	get it	
smg-22	1997-06-13	4 . 7 . 0	get it	
smg-23	1997-10-17	4 . 8 . 0	get it	
smg-25	1998-03-20	4 . 9 . 0	get it	
Editorial	1998-10-20	4 . 9 . 1	get it	

TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* 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	get it	<i>remarks - general:</i>
smg-20	1996-10-11	4 . 1 . 0	get it	<i>remarks - this release:</i> #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0
smg-25	1998-03-20	4 . 2 . 0	get it	
smg-27	1998-10-16	4 . 3 . 0	get it	
Editorial correction	1998-10-16	4 . 3 . 1	get it	

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* 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	get it	<i>remarks - general:</i>
smg-17	1996-02-02	4 . 1 . 0	get it	<i>remarks - this release:</i>
smg-18	1996-04-12	4 . 2 . 0	get it	
smg-20	1996-10-11	4 . 2 . 2	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 906

16 September 2004 20:17:33

ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management

Ph2 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 907

16 September 2004 20:17:33

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>G: yes U:</i>	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	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>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-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.

3GPP specification status

Page 908

16 September 2004 20:17:33

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.

3GPP specification status

Page 909

16 September 2004 20:17:33

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 *rapporteur:* 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](#) *remarks - general:*
smg-11 1994-07-01 4 . 1 . 0 [get it](#) *remarks - this release:* #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0
smg-13 1995-01-27 4 . 1 . 1 [get it](#)
smg-17 1996-02-02 4 . 2 . 0 [get it](#)
Editorial correction 1996-02-02 4 . 2 . 1 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-06? 4 . 0 . 0 *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-07 1993-06-25 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-08 1993-10-01 4 . 2 . 0 [get it](#)
smg-09 1994-01-21 4 . 3 . 0 [get it](#)
smg-11 1994-07-01 4 . 4 . 0 [get it](#)
smg-13 1995-01-27 4 . 5 . 0 [get it](#)
smg-16 1995-10-20 4 . 5 . 2 [get it](#)
ETSI publication 1998-05-28 4 . 5 . 4 [get it](#)
smg-21 4 . 6 . 0

TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 *current version:* 4.1.4 *WG (prime / other):* G1 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-11 1994-07-01 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-13 1995-01-27 4 . 1 . 0 [get it](#) *remarks - this release:*
PE88 1995-07-24 4 . 1 . 1 [get it](#)
smg-16 1995-10-20 4 . 1 . 2 [get it](#)
V100 1996-03-25 4 . 1 . 3 [get it](#)
ETSI publication 1996-09-04 4 . 1 . 4 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 910

16 September 2004 20:17:33

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 911

16 September 2004 20:17:33

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.

3GPP specification status

Page 912

16 September 2004 20:17:34

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: G: yes U: MCC: CLAYTON, Michael
history (event, available, version, comments):
1995-01-01 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 913

16 September 2004 20:17:34

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 914

16 September 2004 20:17:34

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 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 0 based on 05.01 v3.3.2 [get it](#) *remarks - general:*
remarks - this release: .

TS 05.05dcs Radio Transmission and Reception (DCS 1800)

Ph1-DCS *current version:* 3.3.0 *WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 3 . 2 . 0 *remarks - general:*
smg-08 1995-01-01 3 . 3 . 0 based on 05,05 v3.16.0 [get it](#) *remarks - this release:*

TS 05.08dcs Radio Subsystem Link Control (DCS 1800)

Ph1-DCS *current version:* 3.0.0 *WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58dcs Base Station Controller - Base Transceiver Station (BCS-BTS) Interface (DCS 1800)

Ph1-DCS *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* Skov 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: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 915

16 September 2004 20:17:34

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 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*

remarks - this release:

TS 09.10dcs Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 916

16 September 2004 20:17:34

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](#)

[get it](#)

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[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 11.11dcs Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface (DCS 1800)

Ph1-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:

[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 917

16 September 2004 20:17:34

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 918

16 September 2004 20:17:34

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 919

16 September 2004 20:17:34

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
	edito 1998-07-22						3 . 4 . 1
				get it	<i>remarks - general:</i>		
				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
	- 1998-07-24						3 . 7 . 0
	CEPT GSM doc 1991-01-03						3 . 7 . 1
				get it	<i>remarks - general:</i>		
				get it	<i>remarks - this release:</i>		
				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
	ETSI publication 1995-01-01						3 . 2 . 0
				get it	<i>remarks - general:</i>		
				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
	- 1994-05-10						3 . 4 . 0
	ETSI publication 1995-01-01						3 . 4 . 1
				get it	<i>remarks - general:</i>		
				get it	<i>remarks - this release:</i>		
				get it			
<hr/>							
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>		

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 920

16 September 2004 20:17:34

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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3GPP specification status

Page 921

16 September 2004 20:17:34

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>	
<hr/>						
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>	
<hr/>						
<hr/>						
	Ph1	03 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/03_series		
<hr/>						
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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3GPP specification status

Page 922

16 September 2004 20:17:34

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	G: yes U:	MCC:	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	G: yes U:	MCC:	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	G: yes U:	MCC:	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	G: yes U:	MCC:	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	G: yes U:	MCC:	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> .		

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3GPP specification status

Page 924

16 September 2004 20:17:34

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 *current version:* 3.0.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 2

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph1 *current version:* 3.0.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 2

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: MCC: JURISIC, Andrijana

SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.20 Security-related Network Functions

Ph1 *current version:* 3.3.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 0
ETSI publication 1995-01-01 3 . 3 . 2

WG (prime / other): S3 / NP / GP
G: yes U: *rapporteur:* NGUYEN NGOC, Sebastien
MCC: POPE, Maurice

France Telecom

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 03.40 Technical realization of the Short Message Service (SMS)

Ph1 *current version:* 3.7.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
gsm4 2003-05-06 2 . 1 . 0 Sep 1988
gsm4 2003-05-06 2 . 1 . 1 Nov 1988
gsm4 2003-05-06 3 . 0 . 0 Apr 1989
gsm4 2003-05-06 3 . 4 . 0 Jan 1990
gsm4 2003-05-06 3 . 4 . 1 Oct 1990
gsm4 2003-05-06 3 . 5 . 0 Feb 1992
smg-08 1997-09-05 3 . 6 . 0
smg-09 1995-01-01 3 . 7 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian
G: yes U: MCC: RODERMUND, Friedhelm

Research In Motion Limited

[get it](#) *remarks - general:* 2003-12-03: Note that this spec also contains stage 3.
[get it](#) *remarks - this release:*

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 925

16 September 2004 20:17:35

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 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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	

TR 03.43 Support of Videotex

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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> .

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: gsm-25b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

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	

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph1 *current version:* 3.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

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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3GPP specification status

Page 926

16 September 2004 20:17:35

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 *current version:* 3.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release:

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

Ph1 *current version:* 3.0.1 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: gsm-25b *G: yes U:* *MCC:* JURISIC, Andrijana
history (event, available, version, comments):
1997-10-09 3 . 0 . 1 [get it](#) *remarks - general:* SMG9->T3@#31
remarks - this release: .

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

Ph1 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 4 . 0 [get it](#) *remarks - general:*
remarks - this release: #4: 3.2.2 #8: 3.3.0 #11: 3.4.0

TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

Ph1 *current version:* 3.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
gsm4 2003-05-06 1 . 0 . 0 Jul 1988 [get it](#) *remarks - general:* N3: "no R99 needed".
gsm4 2003-05-06 2 . 0 . 0 Sep 1988 [get it](#) *remarks - this release:* .
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#)

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph1 *current version:* 3.2.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: gsm-25b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 2 . 1 [get it](#) *remarks - general:*
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph1
current version: 3.2.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 2 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

Ph1 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph1
current version: 3.0.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 1

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph1
current version: 3.0.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 2

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

Ph1
current version: 3.0.3
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 3

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: .

3GPP specification status

Page 929

16 September 2004 20:17:35

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	current version: 3.2.3 freeze_meeting: gsm-25b	WG (prime / other): N4 / -	rporteur: ANDERSEN, Niels Peter	MOTOROLA A/S					
		G: yes U:	MCC: KYMALAINEN, Kimmo						
	history (event, available, version, comments): ETSI publication 1995-01-01 3 . 2 . 3		get it	remarks - general: remarks - this release: .					
<hr/>									
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
Ph1	current version: 3.2.0 freeze_meeting: gsm-25b	WG (prime / other): N1 / -	rporteur: NOBUYUKI, Uda	NTT COMWARE Corporation					
		G: yes U:	MCC: JURISIC, Andrijana						
	history (event, available, version, comments): ETSI publication 1995-01-01 3 . 3 . 0		get it	remarks - general: remarks - this release: #5:3.3.0					
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
Ph1	current version: 3.2.1 freeze_meeting: gsm-25b	WG (prime / other): G2 / T2	rporteur: ANDERSEN, Niels Peter	MOTOROLA A/S					
		G: yes U:	MCC: THOMASEN, Gert						
	history (event, available, version, comments): ETSI publication 1995-01-01 3 . 2 . 1		get it	remarks - general: remarks - this release: .					
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph1	current version: 3.4.0 freeze_meeting: gsm-25b	WG (prime / other): N3 / -	rporteur: RÄSÄNEN, Juha	NOKIA Corporation					
		G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version, comments): gsm4 2003-05-06 2 . 0 . 0 Feb 1988 gsm4 2003-05-06 3 . 0 . 0 Feb 1988 gsm4 2003-05-06 3 . 1 . 0 Jun 1988 ETSI publication 1995-01-01 3 . 4 . 0		get it get it get it get it	remarks - general: remarks - this release: .					
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
Ph1	current version: Switching Centre (BSS - MSC) interface	3.7.0	WG (prime / other): N3	/-	rporteur: KLEHN, Norbert				
SIEMENS AG									
	freeze_meeting: gsm-25b	G: yes U:	MCC: BOSWARTHICK, David						
	history (event, available, version, comments): ETSI publication 1995-01-01 3 . 7 . 0		get it	remarks - general: remarks - this release: .					

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 930

16 September 2004 20:17:35

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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3GPP specification status

Page 931

16 September 2004 20:17:35

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	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-15 3 . 7 . 0			<i>remarks - general:</i>	
	smg-16 1995-01-01 3 . 8 . 0	get it		<i>remarks - this release:</i>	
<hr/>					
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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-04 3 . 14 . 0			<i>remarks - general:</i>	
	smg-06b 3 . 15 . 0			<i>remarks - this release:</i>	
	ETSI publication 1995-01-01 3 . 16 . 0	get it			
<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	G: yes U:	<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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3GPP specification status

Page 932

16 September 2004 20:17:35

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
freeze_meeting: gsm-25b
history (event, available, version, comments):
smg-04 1995-01-01 3 . 5 . 1

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release:

Ph1 **06** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

Ph1 *current version:* 3.0.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.10 Full Rate Speech Transcoding

Ph1 *current version:* 3.2.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 2 . 0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar PHILIPS Semiconductors
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph1 *current version:* 3.0.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

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3GPP specification status

Page 933

16 September 2004 20:17:35

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 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.32 Voice Activity Detection (VAD)

Ph1 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino One
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph1 *current version:* 3.14.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
gsm-20 3 . 2 . 0 *remarks - general:*
ETSI publication 1995-01-01 3 . 14 . 0 [get it](#) *remarks - this release:*

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3GPP specification status

Page 934

16 September 2004 20:17:35

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: .

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3GPP specification status

Page 935

16 September 2004 20:17:35

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 *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: .

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Ph1 *current version:* 3.5.2 *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 . 5 . 2

[get it](#) *remarks - general:*
remarks - this release: .

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Ph1 *current version:* 3.10.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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 . 0

ETSI publication 1995-01-01 3 . 10 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 08.20 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Ph1 *current version:* 3.1.2 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: gsm-25b G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

ETSI publication 1995-01-01 3 . 1 . 2

[get it](#) *remarks - general:*
remarks - this release: .

TS 08.51 Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects

Ph1 *current version:* 3.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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 . 2

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remarks - this release: .

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Page 936

16 September 2004 20:17:35

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 *current version:* 3.0.2 *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 . 2 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.54 BSC-BTS Layer 1; Structure of Physical Circuits
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 08.56 BSC-BTS Layer 2; Specification
Ph1 *current version:* 3.1.1 *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 . 1 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification
Ph1 *current version:* 3.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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 . 0 [get it](#) *remarks - general:*
smg-10 1995-01-01 3 . 6 . 0 [get it](#) *remarks - this release:* #10: 3.6.0

TS 08.59 BSC-BTS O&M Signalling Transport
Ph1 *current version:* 3.1.0 *WG (prime / other):* G1 / - *rapporteur:* VACANT,
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
ETSI publication 1995-01-01 3 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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Page 937

16 September 2004 20:17:35

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.

3GPP specification status

Page 938

16 September 2004 20:17:36

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	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 939

16 September 2004 20:17:36

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	get it
smg-08	1996-06-07	3 . 15 . 0	get it
smg-09	1996-06-07	3 . 16 . 0	get it
smg-10	1996-09-02	3 . 17 . 0	get it
smg-11	1996-09-02	3 . 18 . 0	get it
smg-12	1996-09-02	3 . 19 . 0	get it
smg-13	1996-06-28	3 . 20 . 0	get it
smg-15		3 . 21 . 0	
smg-16	1996-01-01	3 . 22 . 0	get it
smg-20	1996-10-16	3 . 23 . 0	get it
ETSI publication	1996-12-30	3 . 23 . 1	get it

[get it](#) remarks - general:
remarks - this release:

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3GPP specification status

Page 940

16 September 2004 20:17:36

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			

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3GPP specification status

Page 941

16 September 2004 20:17:36

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: yes *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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3GPP specification status

Page 942

16 September 2004 20:17:36

ACTIVE specs 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 1)

current version: none

freeze_meeting:

history (event, available, version, comments):

WG (prime / other): S1 /

G: U: yes

rapporteur: ZARRI, Michele

MCC: CLAYTON, Michael

T-Mobile (UK) Ltd

remarks - general:

remarks - this release:

23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.167 (reserved for: Internet Protocol (IP) based IP Multimedia Subsystem (IMS) emergency sessions; Stage 2)

current version: none

freeze_meeting:

history (event, available, version, comments):

WG (prime / other): S2 /

G: U: yes

rapporteur: N, A

MCC: YOON, Sang-Ui

Indicate persons who left Company and wait for new One

remarks - general:

remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS access.

WITHDRA specs

<?>

<?>

34 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801	(reserved for T1 RF group)				
<?>	current version: none	WG (prime / other):	T1 /	rapporteur:	N, A
	freeze_meeting:	G:	U: yes	MCC:	SULTAN, Alain
<i>history (event, available, version, comments):</i>					
				remarks - general:	2002-09-16: -> 34.901.
				remarks - this release:	.

Rel-7

Rel-7

25 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.997	(provisionally reserved for: Remote control of electrical tilting antennas) - TP-20: number not used, became 25.802.				
Rel-7	current version: none	WG (prime / other):	R3 / -	rapporteur:	HAUSER, Andreas Vodafone D2 GmbH
	freeze_meeting:	G:	U: yes	MCC:	CALDENHOVEN, Juergen
<i>history (event, available, version, comments):</i>					
				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:* WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: U: yes MCC: POPE, Maurice*history (event, available, version, comments):**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:* WG (prime / other): S1 / - *rapporteur:* BOOTE, Michael Lucent Technologies Network Systems UK
G: U: yes MCC: CLAYTON, Michael*history (event, available, version, comments):*SP-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
SP-25 6 . 2 . 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:* WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: U: yes MCC: CLAYTON, Michael*history (event, available, version, comments):*

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.

3GPP specification status

Page 945

16 September 2004 20:17:36

WITHDRAWN specs Rel-6 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

Rel-6 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.195 Provision of User Equipment Specific Behaviour Information (UESBI) to network entities

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

remarks - general: Created as a result of 23.895.
remarks - this release: SP-20: is in fact a Rel-5 doc.

TS 23.209 Policy control over Gq interface

Rel-6 *current version:* none *WG (prime / other):* S2 / N3 *rapporteur:* SILLANPÄÄ, Anna NOKIA Corporation
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

remarks - general: WI = IMS Phase 2 (UID 32021). 2004-02-20: responsibility N3 -> S2. 2004-04: S2
remarks - this release: . chairman indicates that there is no such spec (see 29.209).

TS 23.340 (reserved for: " IP Multimedia Subsystem (IMS) messaging; Stage 2")

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 946

16 September 2004 20:17:36

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>	<i>G:</i>		<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	draft	0 . 1 . 0					<i>remarks - general:</i> WI UID = 32030. SP-23: withdrawn, on bringing of 23.125 under change control.
	S2-29	0 . 2 . 0					<i>remarks - this release:</i> .
	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>	<i>G:</i>		<i>MCC:</i>	YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	S2-29	0 . 0 . 0					<i>remarks - general:</i> 2003-02-04: -> 23.976
	S2-29 2003-02-03	0 . 0 . 1	2003-02-04: -> 23.976				<i>remarks - this release:</i> 2003-02-04: -> 23.976
	S2-31	0 . 1 . 0					get it
	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>	<i>G:</i>		<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.

3GPP specification status

Page 947

16 September 2004 20:17:36

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>	G: 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>	G: yes U: 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	

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3GPP specification status

Page 948

16 September 2004 20:17:36

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-21: In fact, the work item is in Rel-6, so for now, move it to Rel-6. (No draft visible yet.)
R3-37 0 . 2 . 0
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](#)
RP-25 2 . 0 . 0 RP-040305
RP-25 6 . 0 . 0

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 949

16 September 2004 20:17:36

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>		G: U: 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>		G: U: 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>		G: U: 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>		G: U: 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 950

16 September 2004 20:17:36

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 RIJSEN, 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.

3GPP specification status

Page 951

16 September 2004 20:17:37

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	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> THORSTEINSSON,	Iceland Telecom Ltd.					
	<i>freeze_meeting:</i>	G: yes U: yes	Saemundur						
			MCC: ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-21 2003-09-29 1 . 0 . 0	SP-030422. 2003-12-05: S5 states that	get it	<i>remarks - general:</i> WI = OAM-NIM (UID 35014) 2003-12-05: S5 states that all contents moved to 32.351.					
		all contents moved to 32.351.		<i>remarks - this release:</i> 2003-12-05: S5 states that all contents moved to 32.351.					

TS 32.431	Telecommunications management; Performance measurement collection Integration Reference Point (IRP); Requirements								
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	MCC: 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> SP-25: Timed out of Rel-6					

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	MCC: ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> SP-25: Timed out of Rel-7.					

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>	G: U: yes	MCC: ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> SP-25: Timed out of Rel-6.					

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> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan	Lucent					
	Information Service (IS)	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> SP-25: Timed out of Rel-6.					

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 952

16 September 2004 20:17:37

WITHDRAWN specs Rel-6 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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 *current version:* **Object Request Broker Architecture (CORBA) Solution Set (SS)** none *WG (prime / other):* S5 /- *rapporteur:* RAO, Mohan Lucent
Technologies Network Systems UK

freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):

remarks - general:
remarks - this release: SP-25: Timed out of Rel-6.

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 *current version:* **Management Information Protocol (CMIP) Solution Set (SS)** none *WG (prime / other):* S5 /- *rapporteur:* RAO, Mohan Lucent
Technologies Network Systems UK

freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):

remarks - general:
remarks - this release: SP-25: Timed out of Rel-6.

TS 32.735 **Telecommunication management; Service Specific Core Network (CN) IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP):**
Rel-6 *current version:* **eXtensible Markup Language (XML) file format definition** none *WG (prime / other):* S5 /- *rapporteur:* RAO, Mohan Lucent
Technologies Network Systems UK

freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
history (event, available, version, comments):

remarks - general:
remarks - this release: SP-25: Timed out of Rel-6.

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
S3-28		0	.	2	.	0
S3-29	2003-09-11	0	.	3	.	0

remarks - general: WI = SEC1-SC (UID 33002)
remarks - this release: S3-30: to be split into four separate documents.

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 953

16 September 2004 20:17:37

WITHDRAWN specs Rel-6 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6 *current version:* none *WG (prime / other):* S3 / *rporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: One

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.

TR 33.917 (Universal) Subscriber Interface Module (U)SIM security reuse by peripheral devices on local interfaces

Rel-6 *current version:* none *WG (prime / other):* S3 / - *rporteur:* YAQUB, Raziq Toshiba Corporation, Digital Media Network Company
freeze_meeting: *G:* yes *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general: Original WID = SP-030341. 2003-11-26: S3 Secretary indicates that the TR is to be
remarks - this release: Original WID = SP-030341 2003-11-26: S3 Secretary indicates that the TR is to be

draft 0 . 0 . 1
TOC enhanced, 0 . 0 . 2

internal, so number changed to 33.817.

internal, so number changed to 33.817.

Requirements &
threat analysis
added

More expansion on 0 . 4 . 0
Issues 1, 4 and 5.

Reference
Architecture
added. Also other
updates.

Further comments 0 . 5 . 0
incorporated and

also some editorial
improvements

Some comments 2003-07-25 0 . 6 . 0 TR number awarded.

[get it](#)

accommodated,
and editorial
changes, clean up
done

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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 954

16 September 2004 20:17:37

WITHDRAWN specs 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 *current version: none* *freeze_meeting:* *history (event, available, version, comments):* *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes U: *MCC:* POPE, Maurice
remarks - general: post-SP-19: title changed to align with 01.01 SP-20: Superseded by 41.101 Rel-6.
remarks - this release: SP-20: Superseded by 41.101 Rel-6.

TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version, comments):* *WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.
G: yes U: *MCC:* USAI, Paolino
remarks - general: Renumbered to 45.811.
remarks - this release: Renumbered to 45.811.

Rel-6 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version, comments):* *WG (prime / other):* T3 / - *rapporteur:* DIETRICH, Christian Axalto S.A.
G: yes U: *MCC:* JURISIC, Andrijana
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* *freeze_meeting:* *history (event, available, version, comments):* *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino
remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 955

16 September 2004 20:17:37

WITHDRAWN specs Rel-6 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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
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-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, PerTeliaSonera 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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 956

16 September 2004 20:17:37

WITHDRAWN specs Rel-5 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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.

3GPP specification status

Page 957

16 September 2004 20:17:37

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>freeze_meeting:</i> SP-15								
	<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					
<hr/>									
TS 22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1								
Rel-5	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-15								
	<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					
<hr/>									
TS 22.174	Push service; Stage 1								
Rel-5	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-15								
	<i>history (event, available, version, comments):</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i>	SP-15: Timed out of Rel-5.			
<hr/>									
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-5	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-15								
	<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 958

16 September 2004 20:17:37

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 SP-010680	get it				<i>remarks - this release:</i> SP-15: Delayed to Rel-6.			
<hr/>									
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.			
<hr/>									
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			
						"evolution" workshop (EV-020021). 2003-04-07 Clayton: scrapped.			
	draft 2001-10-15 0 . 4 . 1	get it							
	SP-14 2002-01-02 0 . 7 . 0 NP-010701 (!)	get it							
<hr/>									
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.			
<hr/>									
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.

3GPP specification status

Page 959

16 September 2004 20:17:37

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.

3GPP specification status

Page 960

16 September 2004 20:17:37

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	<i>remarks - general:</i> Cf work item 'Generic user profile'
draft	0 . 3 . 0	<i>remarks - this release:</i> -> Rel-6
S2-23	0 . 4 . 0	
post S2-23	0 . 4 . 1	
S2-25	0 . 5 . 1	
S2-26	0 . 6 . 0	
S2-26	0 . 6 . 1	
S2-27	0 . 7 . 0	
S2-27	0 . 7 . 1	
S2-28	0 . 8 . 0	
post S2-28	0 . 9 . 0	
S2-29	0 . 10 . 0	
post S2-29	0 . 11 . 0	
SP-19 2003-03-24	0 . 12 . 0	get it

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.

3GPP specification status

Page 961

16 September 2004 20:17:37

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 962

16 September 2004 20:17:37

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			G: yes U: 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			G: yes U: 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			G: U: 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			G: U: 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.

3GPP specification status

Page 963

16 September 2004 20:17:37

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. txferrd

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.

3GPP specification status

Page 965

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.876	Multiple Input Multiple Output (MIMO) antennae in UTRA								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard	Lucent Technologies				
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version, comments):</i>								
	R1-21	0 . 0 . 0	R1-010879				<i>remarks - general:</i>	RP-20: reference to HSDPA removed from title	
	RP-14	2002-01-02 1 . 0 . 0	RP-010796	get it			<i>remarks - this release:</i>	2003-11-03: Timed out of Rel-5, must be Rel-6.	
	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					
	draft	1 . 7 . 0	R1-041057						
<hr/>									
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	<i>MCC:</i> 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	<i>MCC:</i> 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	<i>MCC:</i> 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.	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 967

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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 *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-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 *WG (prime / other):* T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-10 2001-01-05 0 . 1 . 1 SP-000657 [get it](#)

remarks - general: TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this 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 *WG (prime / other):* T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):

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 *WG (prime / other):* T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):

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.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 968

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

Rel-5 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* HOLLAND, Nigel mm02 plc
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
draft 2001-06-01 0 . 1 . 0 [get it](#) *remarks - general:*
draft 2001-11-08 0 . 3 . 0 [get it](#) *remarks - this release:* NP-19: to Rel-6
draft 2002-01-14 0 . 4 . 0 [get it](#)
draft 2002-02-18 0 . 6 . 1 [get it](#)
NP-15 2002-03-19 1 . 0 . 0 NP-020076 [get it](#)

TS 29.163 Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks

Rel-5 *current version:* none *WG (prime / other):* N3 / *rapporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: NP-18 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
N3-16 0 . 0 . 0 *remarks - general:*
N3-17 2001-06-01 0 . 1 . 0 N3-010185, N3-010199, N3-010201 and [get it](#) *remarks - this release:* NP-16: shifted to Rel-6.
N3-010210
N3-18 0 . 2 . 0 N3-010312, N3-010315
N3-19 2001-11-09 0 . 3 . 0 N3-010462, N3-010427 [get it](#)
NP-14 2002-01-02 1 . 0 . 0 NP-010565 [get it](#)
N3-21 1 . 1 . 0
NP-15 2002-02-18 1 . 2 . 0 NP-020077 ex N3-21 [get it](#)
editorials 1 . 2 . 1
N3-23 1 . 3 . 1 N3-020441

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ABARCA, Chelo ALCATEL S.A.
freeze_meeting: NP-15 *G: U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 5 . 0 . 0 Interim step; not to be produced. See *remarks - general:*
sub-parts. *remarks - this release:* Split into sub-parts.

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 969

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5 *current version:* none *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):

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-9 and Parlay 4 - ES
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. 202

915-9.

TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian One

history (event, available, version, comments):

remarks - general: No draft produced. See ETSI deliverables: Parlay 3 - ES 201 915-10 and Parlay 4 - ES
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped. 202

915-10.

TS 29.203 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)

Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

remarks - general: superseded by 29.903
remarks - this release: . TSG#11:creation; superseded by 29.903

TS 29.226 reserved

Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* VACANT,
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

remarks - general:
remarks - this release: WI approved TSG#7

TS 29.240 Generic User Profile (GUP); Stage 3; Network

Rel-5 *current version:* none *WG (prime / other):* N4 / *rapporteur:* KAUNTOLA, Seppo Nokia Networks Oyj
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

remarks - general: Cf work item 'Generic user profile' - may be renumbered to 27.241
remarks - this release: 2002-03-05: Delayed to Rel-6.

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 970

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 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-5 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):

remarks - general: RP-19: stopped.
remarks - this release: .

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 *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: SP-14 stopped.

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

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 971

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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
remarks - this release: NP-18: Evidently Rel-5 is indeed required! studies.

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: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 972

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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
history (event, available, version, comments):
TP-14 2002-01-02 1 . 0 . 0 TP-010249
G: U: yes *MCC:* JURISIC, Andrijana
[get it](#) *remarks - general:* Test spec is 34.131.
remarks - this release: TP-17: Clear that the spec is Rel-6 not Rel-5.

Rel-5 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace
Rel-5 *current version:* none *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: SP-16
history (event, available, version, comments):
draft 2001-11-08 0 . 0 . 1
draft 2002-02-26 0 . 1 . 0
[get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
[get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

TS 32.112 Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service
Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-15
history (event, available, version, comments):
G: U: yes *MCC:* ZOICAS, Adrian
remarks - general: SP-15: stopped, no draft ever having been produced.
remarks - this release: .

TS 32.113 Telecommunication management; Fault Management; Alarm Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set
Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-15
history (event, available, version, comments):
G: U: yes *MCC:* ZOICAS, Adrian
remarks - general: SP-15: stopped, no draft ever having been produced.
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 973

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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> .						
<hr/>						
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>						
	draft 2001-06-27	0 . 1 . 3	get it	<i>remarks - general:</i> 2004-03-29: S5 Project Manager: "services operations management" removed from title.		
	draft 2002-01-21	0 . 5 . 4	get it	<i>remarks - this release:</i> SP-15: move to Rel-6.		
	draft 2002-01-28	0 . 5 . 5	get it			
<hr/>						
TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version, comments):</i>						
<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	<i>MCC:</i> 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	<i>MCC:</i> 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 974

16 September 2004 20:17:38

WITHDRAWN specs Rel-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.683 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)

Rel-5 *current version: none* *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):

remarks - general:
remarks - this release: SP-17: moved to Rel-6.

TS 32.684 Telecommunication management; Inventory Management (IM) Integration Reference Point (IRP): Common Management Information Protocol (CMIP) Solution Set (SS)

Rel-5 *current version: none* *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):

remarks - general:
remarks - this release: SP-17: moved to Rel-6.

TR 32.801 Performance management

Rel-5 *current version: none* *WG (prime / other):* S5 / *rapporteur:* KORINEK, Frank MOTOROLA JAPAN LTD
freeze_meeting: SP-15 *G: U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

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* *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Ltd (3)
freeze_meeting: *G: U: yes* *MCC:* POPE, Maurice
history (event, available, version, comments):

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 975

16 September 2004 20:17:38

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
freeze_meeting: SP-16
history (event, available, version, comments):

SP-12		0 . 0 . 0	SP-010278		
SP-12	2001-07-05	0 . 1 . 0	SP-010384	get it	<i>remarks - general:</i> SP-20: Superseded by 41.101 Rel-5.
SP-13	2001-10-01	1 . 0 . 0	SP-010421	get it	<i>remarks - this release:</i> SP-20: Superseded by 41.101 Rel-5.
SP-15	2002-03-19	1 . 1 . 0	SP-020098	get it	
SP-15	2002-03-19	1 . 2 . 0	SP-020203	get it	
SP-16		2 . 0 . 0	SP-020271		
SP-16		2 . 1 . 0	SP-020398		
SP-16		2 . 2 . 0	SP-020410		
SP-16	2002-06-19	5 . 0 . 0		get it	
SP-17	2002-09-18	5 . 1 . 0		get it	
SP-18	2003-01-03	5 . 2 . 0		get it	
SP-19	2003-03-27	5 . 3 . 0		get it	
SP-20	2003-06-25	5 . 4 . 0	withdrawn -> 41.101	get it	

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes U: *MCC:* POPE, Maurice

Rel-5 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version, 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.
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WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-5 *current version:* none
freeze_meeting: SP-15
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.
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WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 976

16 September 2004 20:17:38

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 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version, comments):
SP-16 2002-06-24 5 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 ->
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. 23.031.

TS 43.035 **Immediate Service Termination (IST); Stage 2**
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-15 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version, comments):
remarks - general: SP-16: withdrawn in favour of 23.035.
remarks - this release: SP-16: withdrawn in favour of 23.035.

TR 43.900 **Support for voice optimization for the IMS in the GERAN**
Rel-5 *current version:* none *WG (prime / other):* G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-06 2003-06-17 1 . 0 . 0 GP-011962 [get it](#) *remarks - general:* 2002-09-03: Transferred from G2 to G1.. GP-06: stopped.
remarks - this release: 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.

3GPP specification status

Page 977

16 September 2004 20:17:38

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 *freeze_meeting:* GP-09
WG (prime / other): G2 / *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
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.

[get it](#)

[get it](#)

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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.

Rel-5 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-5 *current version:* none *freeze_meeting:*
WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
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

TR 50.099 GERAN project plan and open issues

Rel-5 *current version:* none *freeze_meeting:* GP-09
WG (prime / other): GP / - *rapporteur:* GRANT, Marc Cingular Wireless LLC
USAI, Paolino

G: yes *U:*

history (event, available, version, comments):

GP-08 2002-04-04 0 . 0 . 14 GP-020277

GP-08 2002-03-20 0 . 0 . 15 GP-020515

Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.

draft 2002-03-20 0 . 1 . 6

[get it](#)

[get it](#)

[get it](#)

remarks - general: 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as

remarks - this release: GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Rel-5

frozen, so migrated to Rel-6.

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 978

16 September 2004 20:17:39

WITHDRAWN specs Rel-5 50 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

Rel-5 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-15 *G:* yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version, 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 979

16 September 2004 20:17:39

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	
SP-10	2001-01-04	1	.	1	.	0	get it <i>remarks - general:</i> SP-20: Superseded by 21.101 Rel-4.
SP-11	2001-04-11	4	.	0	.	0	get it <i>remarks - this release:</i> SP-20: Superseded by 21.101 Rel-4.
SP-12	2001-07-05	4	.	1	.	0	get it
SP-13	2001-10-01	4	.	2	.	0	get it
SP-14	2002-01-03	4	.	3	.	0	get it
SP-15	2002-03-27	4	.	4	.	0	get it
SP-16	2002-06-19	4	.	5	.	0	get it
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 -> 21.101

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	get it <i>remarks - this release:</i> TP-13: Rel-4 withdrawn, since stage 2 not ready.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 980

16 September 2004 20:17:39

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.
systems only. *remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none
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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 981

16 September 2004 20:17:39

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.

3GPP specification status

Page 982

16 September 2004 20:17:39

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 983

16 September 2004 20:17:39

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 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): S2 / - *rapporteur:* ROUZ, Adel FUJITSU Laboratories of Europe Limited
G: yes U: yes *MCC:* YOON, Sang-Ui

remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn. SP-
remarks - this release: SP-20: stopped 20: stopped

TR 23.972 Circuit switched multimedia telephony
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
NP-11 4 . 0 . 0 doa. Stick at R99.

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
G: U: yes *MCC:* JURISIC, Andrijana

remarks - general: New after TSG#5. Minor title change TSG#7.
remarks - this release: Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

Rel-4 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004 Layer 1 - General Requirements
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
GP-04 4 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* THOMAS, Rémi France Telecom
G: yes U: *MCC:* THOMASEN, Gert

remarks - general: Apr-2001: Not required. See 44.004.
remarks - this release: Apr-2001: Not required. See 44.004.

TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
G: yes U: yes *MCC:* THOMASEN, Gert

remarks - general: Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should have been N2 anyway). Agreed to
txfer to G2, but still as 24.012.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 984

16 September 2004 20:17:39

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.

3GPP specification status

Page 985

16 September 2004 20:17:39

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> U: 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> U: 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> U: 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> U: 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> U: 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.

3GPP specification status

Page 987

16 September 2004 20:17:39

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 *current version:* none *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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 *current version:* none *WG (prime / other):* R3 / - *rapporteur:* CHOI, Sungho Samsung Electronics Ind. Co., Ltd.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CALDENHOVEN, Juergen

history (event, available, version, comments):

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 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

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.

3GPP specification status

Page 988

16 September 2004 20:17:39

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
freeze_meeting:
history (event, available, version, comments):
draft 2000-11-21 0 . 0 . 1
RP-10 2000-12-21 1 . 0 . 0
RP-11 2001-04-10 1 . 1 . 0

WG (prime / other): R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS CORPORATION
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* -> Rel-5
[get it](#)

TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

Rel-4 *current version:* none
freeze_meeting:
history (event, available, version, 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-4 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.078 Results of the AMR noise suppression selection phase

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-11 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* USAI, Paolino

remarks - general: Replaced by 26.978.
remarks - this release: Replaced by 26.978.

TS 26.226 Cellular text telephone modem; General description

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-08 2000-06-23 0 . 0 . 0
SP-09 2000-10-18 0 . 0 . 9
draft 2000-10-24 0 . 0 . 10
SP-10 2000-12-21 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitron AB
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set. 2004-07-27: database title changed from "Global text
[get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5 telephony (GTT);Transport of text in the voice channel".
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 989

16 September 2004 20:17:39

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:* yes *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:* yes *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.

3GPP specification status

Page 990

16 September 2004 20:17:40

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: 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.

3GPP specification status

Page 991

16 September 2004 20:17:40

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 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

RP-03	1999-04-23	0	.	0	.	0
draft	2000-12-21	0	.	8	.	6
RP-04	1999-06-23	1	.	0	.	0
RP-05	1999-10-13	1	.	4	.	0
RP-06	1999-12-17	2	.	0	.	0
RP-08	2000-06-23	2	.	2	.	0

WG (*prime / other*): R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* RP-20: stopped
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5. RP-20: stopped
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 30.801 Overall Project Plan

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

draft	1999-07-30	0	.	1	.	0
draft	1999-08-30	0	.	2	.	0
draft	1999-09-30	0	.	3	.	0
SP-05	1999-10-13	1	.	0	.	0
draft	1999-12-02	1	.	1	.	0

WG (*prime / other*): S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
G: U: yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TSG#11: Work stopped.
[get it](#)
[get it](#)

TR 30.802 Project plan on Bearer Services and QoS

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

SP-05	1999-10-13	1	.	0	.	0
SP-09		4	.	0	.	0

WG (*prime / other*): S2 / - *rapporteur:* LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND
G: U: yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
remarks - this release: 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.

TR 30.804 Project plan on GSM/UMTS Interoperation and Mobility Management

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

SP-05	1999-10-13	1	.	0	.	0
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WG (*prime / other*): S2 / - *rapporteur:* COURAU, François ALCATEL S.A.
G: U: yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

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3GPP specification status

Page 992

16 September 2004 20:17:40

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> KÅLL, Jan		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	SP-05 1999-10-13 1 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> TSG#11: Work stopped.	
<hr/>						
TR 30.808	Project plan on Packet Architecture and Circuit Architecture					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich		SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	SP-05 1999-10-13 1 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> TSG#11: Work stopped.	
<hr/>						
TR 30.810	Project plan on Security					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	SP-05 1999-10-24 1 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> TSG#11: Work stopped.	
<hr/>						
TR 30.812	Project plan on Services and Service platforms					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SCHMERSEL, Rob		CELLPOINT SYSTEMS AB	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	SP-05 1999-10-13 1 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> TSG#11: Work stopped.	

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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3GPP specification status

Page 993

16 September 2004 20:17:40

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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3GPP specification status

Page 994

16 September 2004 20:17:40

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.	
<hr/>									
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA)								
Rel-4	<i>current version:</i> Solution Set (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.	
<hr/>									
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point (IRP); Common Management Information Protocol (CMIP)								
Rel-4	<i>current version:</i> 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 32.106-5	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.	
<hr/>									
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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3GPP specification status

Page 995

16 September 2004 20:17:40

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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3GPP specification status

Page 996

16 September 2004 20:17:40

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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3GPP specification status

Page 997

16 September 2004 20:17:40

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							<i>remarks - general:</i> was 32.104 (pars). SP-13: replaced by 52.402.	
	SP-13 2001-10-11 2 . 0 . 0							<i>remarks - this release:</i>	
	SP-010467 approved as 52.042								
<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							<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							<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							<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.	
								<i>remarks - this release:</i> .	

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3GPP specification status

Page 998

16 September 2004 20:17:40

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>	.	

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3GPP specification status

Page 999

16 September 2004 20:17:40

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>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> ZOICAS, Adrian		
	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>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-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>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 32.622. <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>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 32.623. <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>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 32.624. <i>remarks - this release:</i> .

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3GPP specification status

Page 1000

16 September 2004 20:17:40

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	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 32.106 (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	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 32.106-5 (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	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 32.106-6 (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	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 32.634.		
					<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	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 32.106 (pars).SP-12: stopped. See 32.641.		
					<i>remarks - this release:</i> .		

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3GPP specification status

Page 1001

16 September 2004 20:17:40

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	WG (prime / other):	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	WG (prime / other):	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	WG (prime / other):	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	WG (prime / other):	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	WG (prime / other):	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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3GPP specification status

Page 1002

16 September 2004 20:17:41

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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3GPP specification status

Page 1003

16 September 2004 20:17:41

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 *rporteur:* VACANT,

freeze_meeting: SP-11

G: U: yes *MCC:* POPE, Maurice

history (event, available, version, comments):

draft 2 . 0 . 0 only available as
[http://www.3gpp.org/TB/other/algorithms/
KASUMI_Eval_rep_v20.pdf](http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf)

remarks - general: Source: ETSI SAGE.

remarks - this release: SP-15: Not to be promoted to Rel-5. In fact, replaced by 33.908.

Rel-4 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.001 GSM Specification set

Rel-4 *current version:* none *WG (prime / other):* SP / - *rporteur:* 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 / - *rporteur:* 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

SP-10 2001-01-04 1 . 0 . 1

SP-11 2001-04-11 4 . 0 . 0

SP-12 2001-07-05 4 . 1 . 0

SP-13 2001-10-01 4 . 2 . 0

SP-14 2002-01-03 4 . 3 . 0

SP-15 2002-03-27 4 . 4 . 0

SP-16 2002-06-19 4 . 5 . 0

post SP-16 editorial 2002-06-25 4 . 5 . 1

[get it](#) *remarks - general:* Né 41.001; renumbered at TSG#10. SP-20: Superseded by 41.101 Rel-4.

[get it](#) *remarks - this release:* SP-20: Superseded by 41.101 Rel-4.

SP-17 2002-09-18 4 . 6 . 0

SP-18 2003-01-03 4 . 7 . 0

SP-19 2003-03-27 4 . 8 . 0

SP-20 2003-06-25 4 . 9 . 0 withdrawn -> 41.101

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3GPP specification status

Page 1004

16 September 2004 20:17:41

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
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice One
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
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice One
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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3GPP specification status

Page 1005

16 September 2004 20:17:41

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>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-11 2001-04-10 4 . 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.						
<hr/>									
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>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-11 2001-04-10 4 . 0 . 0 SP-15 2002-03-26 4 . 1 . 0	get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035.						
		get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.						
<hr/>									
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>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<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.	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.						
<hr/>									
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>G:</i> yes <i>U:</i>	<i>MCC:</i> JURISIC, Andrijana						
	<i>history (event, available, version, comments):</i> TP-11 2001-04-09 4 . 0 . 0 withdrawn at TP-12	get it	<i>remarks - general:</i> TP-12: replaced by 23.048.						
			<i>remarks - this release:</i> TP-12: replaced by 23.048.						

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1006

16 September 2004 20:17:41

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 1007

16 September 2004 20:17:41

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 Codecs; Service Description; Stage 3

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, 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:* 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.

3GPP specification status

Page 1008

16 September 2004 20:17:41

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 access; 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 / *rapporteur:* NGUYEN NGOC, Sebastien France Telecom
GP
G: yes U: *MCC:* POPE, Maurice[get it](#) *remarks - general:*
remarks - this release:

3GPP specification status

Page 1011

16 September 2004 20:17:41

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>rapporteur:</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>rapporteur:</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>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					get it <i>remarks - general:</i> <i>remarks - this release:</i> #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> 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

R00

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1012

16 September 2004 20:17:41

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>			

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.

3GPP specification status

Page 1013

16 September 2004 20:17:41

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](#)

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[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.

3GPP specification status

Page 1014

16 September 2004 20:17:41

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 access; U = required in systems with UMTS access.

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](#)

3GPP specification status

Page 1016

16 September 2004 20:17:41

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:		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>				
<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:		MCC:	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:		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 1999-06-26 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:		MCC:	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 1999-06-25 8 . 1 . 0				<i>remarks - this release:</i> TSG#6: withdrawn				
					withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.				
<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:		MCC:	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> SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.				
					SP-18: Withdrawn in favour of 22.031.				

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 1017

16 September 2004 20:17:42

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	G: yes U:	<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	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	1999-06-25	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	G: yes U:	<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	G: yes U:	<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>	
	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.					
	<i>remarks - this release:</i> R99 -> 22.101					
<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	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>	
	withdrawn -> 22.042					
	<i>remarks - this release:</i>					

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1018

16 September 2004 20:17:42

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:	<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> #29: 8.0.0 (to be deleted, moved to 3GPP)			
<hr/>						
TS 02.60	General Packet Radio Service Stage 1 Description					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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:	<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> #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:	<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>			
			<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:	<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>			
			<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.

3GPP specification status

Page 1019

16 September 2004 20:17:42

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
freeze_meeting: SP-06
history (event, available, version, comments):
smg-28 1 . 0 . 0
smg-30 1999-11-11 8 . 0 . 0 Withdrawn wef SP-21

WG (*prime / other*): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* CLAYTON, Michael

[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.
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
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0

WG (*prime / other*): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* YOON, Sang-Ui

[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
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0 SP-18: withdrawn

WG (*prime / other*): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:* 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
freeze_meeting: SP-06
history (event, available, version, comments):
Upgrade to R99 2000-06-30 8 . 0 . 0
SP-11 2001-04-04 8 . 1 . 0

WG (*prime / other*): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[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.

3GPP specification status

Page 1020

16 September 2004 20:17:42

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
history (event, available, version, comments):
Upgrade to R99 2000-05-01 8 . 0 . 0

G: yes U: *MCC:* YOON, Sang-Ui

[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.

3GPP specification status

Page 1021

16 September 2004 20:17:42

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:* JACOBSOHN, 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:* JACOBSOHN, 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.

3GPP specification status

Page 1022

16 September 2004 20:17:42

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
history (event, available, version, comments):

WG (prime / other): - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
G: yes U: *MCC:* N, A

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):

WG (prime / other): G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. 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
history (event, available, version, comments):
smg-29 1999-06-25 8 . 0 . 0 withdrawn -> 27.001

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1023

16 September 2004 20:17:42

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 *G:* yes *U:* *MCC:* BOSWARTHICK, David
freeze_meeting: SP-06
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)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1024

16 September 2004 20:17:42

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> <i>remarks - this release:</i> #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1025

16 September 2004 20:17:42

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>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC:	RODERMUND, Friedhelm	
	<i>history (event, available, version, 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>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	draft 1999-08-15 0 . 0 . 8	get it	<i>remarks - general:</i>	2002-01-23: Usai indicates "stopped".	
	draft 1999-10-15 1 . 0 . 0	get it	<i>remarks - this release:</i>	2002-01-23: Usai indicates "stopped".	
	2002-01-23: Usai indicates "stopped".				
<hr/>					
TS 10.89	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken		SIEMENS AG
	<i>freeze_meeting:</i> SP-06				
		G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	draft 2000-03-14 0 . 0 . 3	get it	<i>remarks - general:</i>	2002-01-23: Usai indicates "stopped".	
	draft 2000-04-08 0 . 0 . 4	get it	<i>remarks - this release:</i>	2002-01-23: Usai indicates "stopped".	
	draft 2000-04-19 0 . 0 . 5	get it			
	draft 2000-08-04 0 . 0 . 6	get it			
	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>WG (prime / other):</i> G3new/ S1 /	<i>rapporteur:</i> SALMERON, Lidia		TELEPLUS LIMITED
	<i>freeze_meeting:</i> SP-06				
		NP /			
		T2 /			
		SCP			
		G: yes U:	MCC:	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	

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1026

16 September 2004 20:17:42

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* *freeze_meeting: SP-06* *WG (prime / other): G3new/ S1 / NP / T2 / SCP* *rapporteur: SALMERON, Lidia* TELEPLUS LIMITED
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* *freeze_meeting: SP-06* *WG (prime / other): T3 / -* *rapporteur: LINDHOLM, Rune* NOKIA Corporation
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* *freeze_meeting: SP-06* *WG (prime / other): SP / -* *rapporteur: VACANT,*
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* *freeze_meeting: SP-06* *WG (prime / other): - / -* *rapporteur: MEREDITH, John M* ETSI Secretariat
G: U: yes MCC: N, A
history (event, available, version, comments):
SP-08 2000-06-28 1 . 0 . 0
[get it](#) *remarks - general:* Knobbled prior to SA#8.
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1027

16 September 2004 20:17:42

WITHDRAWN specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.906 reserved
R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):
First complete draft 1999-03-04 0 . 0 . 0
SP-03 3 . 0 . 0

WG (prime / other): - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: .

R99 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1
R99 *current version:* none
freeze_meeting: SP-05
history (event, available, version, comments):
SP-05 1999-10-13 3 . 0 . 1
SP-08 2000-06-28 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1
R99 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-06 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes *U:* yes *MCC:* USAI, Paolino

remarks - general: Transfer>TSG#4.
remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.

TR 22.907 Terminal concepts
R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version, comments):
Table of Contents 1997-10-19 0 . 0 . 2
and Scope
First complete draft 1997-12-19 1 . 0 . 0
WG approval 1998-02-15 2 . 0 . 0
smg-25 1998-03-20 3 . 0 . 0
SP-03 1999-04-22 3 . 1 . 2
SP-04 1999-06-23 3 . 1 . 3

WG (prime / other): - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES
G: *U:* yes *MCC:* N, A

[get it](#) *remarks - general:* CR at TSG#4 Not maintained
remarks - this release: Withdrawn (Clayton 2000-02-11)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1028

16 September 2004 20:17:42

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>freeze_meeting:</i> SP-03					
	<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>freeze_meeting:</i> SP-03					
	<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>freeze_meeting:</i> SP-03					
	<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>freeze_meeting:</i> SP-03					
	<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 access; U = required in systems with UMTS access.

3GPP specification status

Page 1029

16 September 2004 20:17:42

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* *freeze_meeting: SP-06*
history (event, available, version, comments):
First complete draft 1999-04-23 0 . 0 . 0

WG (prime / other): - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: U: yes *MCC:* N, A

[get it](#) *remarks - general:* Title grows "cct sw".
remarks - this release: Withdrawn (Clayton 2000-02-11)

R99 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010 **GSM Public Land Mobile Network (PLMN) Connection Types**
R99 *current version: none* *freeze_meeting: SP-08*
history (event, available, version, comments):
SP-03 1999-05-30 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* DETTNER, Harald SIEMENS AG
G: U: yes *MCC:* N, A

[get it](#) *remarks - general:* superseded by 23.910
remarks - this release: TSG#7:3.0.0 - later scrapped

TS 23.022 **Functions related to Mobile Station (MS) in idle mode and group receive mode**
R99 *current version: none* *freeze_meeting: SP-06*
history (event, available, version, comments):
SP-03 1999-04-23 3 . 0 . 0
SP-04 1999-06-23 3 . 1 . 0

WG (prime / other): - / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
G: yes U: yes *MCC:* N, A

[get it](#) *remarks - general:* Superseded by 23.122
[get it](#) *remarks - this release:* 3.1.0 dates from June 99

TS 23.043 **Support of Videotex**
R99 *current version: none* *freeze_meeting: SP-08*
history (event, available, version, comments):
SP-03 1999-05-30 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* DETTNER, Harald SIEMENS AG
G: U: yes *MCC:* N, A

[get it](#) *remarks - general:*
remarks - this release: 3.0.0 Apr 99 - later scrapped

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1030

16 September 2004 20:17:43

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 1031

16 September 2004 20:17:43

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 1032

16 September 2004 20:17:43

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.

3GPP specification status

Page 1033

16 September 2004 20:17:43

WITHDRAWN specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R99	<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		
	N2 anyway). Agreed to				
			txfer to G2, but still as 24.012.		
<hr/>					
TS 24.065	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDTCP)				
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 acces; U = required in systems with UMTS access.

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):

WG (prime / other): - / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
G: yes U: yes *MCC:* N, A

First complete draft 1999-03-04 0 . 0 . 0 [get it](#) *remarks - general:* Withdrawn in favour of 25.123 & 25.133
NP-03 1999-04-23 0 . 1 . 0 [get it](#) *remarks - this release:* Withdrawn
NP-04 1999-06-23 1 . 0 . 0 [get it](#)
NP-05 1999-10-13 2 . 0 . 0 [get it](#)

TR 25.831 Study Items for future release

R99 *current version:* none *freeze_meeting:* SP-06
history (event, available, version, comments):

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: U: yes *MCC:* CALDENHOVEN, Juergen

RP-03 1999-04-23 0 . 0 . 0 [get it](#) *remarks - general:*
RP-04 1999-06-23 0 . 0 . 2 [get it](#) *remarks - this release:* RP-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):

WG (prime / other): - / - *rapporteur:* STEER, David G NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* N, A

draft 1999-04-30 1 . 0 . 0 [get it](#) *remarks - general:* superseded by 25.305
draft 1999-09-01 1 . 2 . 0 [get it](#) *remarks - this release:* .
draft 1999-09-30 1 . 4 . 0 [get it](#)

3GPP specification status

Page 1035

16 September 2004 20:17:43

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 update was done at RP-13, so this can now be withdrawn.
[get it](#)

TR 25.998 UTRAN recommendation and UE allowance for non-essential corrections of a feature made only in a later release

R99 *current version:* none
freeze_meeting:
history (event, available, version, 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.

3GPP specification status

Page 1036

16 September 2004 20:17:43

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	2000-02-02	0 . 0 . 1	get it	<i>remarks - general:</i>
	WG/TB				<i>remarks - this release:</i> Feb00: 0.0.1 - Withdrawn in favour of 26.915; will be reinstated for Rel-4.
<hr/>					
TS 26.121	Technical Specification for Tandem Free Operation within 3G networks				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, 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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 1037

16 September 2004 20:17:43

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.

3GPP specification status

Page 1038

16 September 2004 20:17:43

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 1039

16 September 2004 20:17:43

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>freeze_meeting:</i> SP-08
	<i>history (event, available, version, comments):</i> SP-03 1999-04-23 3 . 0 . 0
	<i>WG (prime / other):</i> N3 / -
	<i>G:</i> U: yes
	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>MCC:</i> BOSWARTHICK, David
	get it <i>remarks - general:</i> N3 indicates not required for R99, so revert to 09.05 R98.
	<i>remarks - this release:</i>

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>freeze_meeting:</i> SP-03
	<i>history (event, available, version, comments):</i> SP-03 1999-04-23 3 . 0 . 0
	<i>WG (prime / other):</i> N3 / -
	<i>G:</i> yes <i>U:</i> yes
	<i>rapporteur:</i> BRAUN, Achim Indicate persons who left Company and wait for new One
	<i>MCC:</i> BOSWARTHICK, David
	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

TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards
R99	<i>current version:</i> none
	<i>freeze_meeting:</i>
	<i>history (event, available, version, comments):</i>
	<i>WG (prime / other):</i> RP / -
	<i>G:</i> yes <i>U:</i> yes
	<i>rapporteur:</i> COURAU, François ALCATEL S.A.
	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar
	<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.

3GPP specification status

Page 1040

16 September 2004 20:17:43

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.

3GPP specification status

Page 1041

16 September 2004 20:17:43

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.

3GPP specification status

Page 1042

16 September 2004 20:17:44

WITHDRAWN specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111 3G Fault Management

R99 *current version:* none
freeze_meeting: SP-08
history (event, available, version, comments):

SP-05	1999-10-13	1	.	0	.	0	
SP-06	1999-12-17	1	.	1	.	0	get it <i>remarks - general:</i> TSG#8: split into 4 parts
SP-07	2000-03-17	3	.	0	.	0	get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
Editorial	2000-03-17	3	.	0	.	1	get it
SP-08: split into parts	2000-06-23	3	.	1	.	0	get it
Formatting	2000-07-18	3	.	2	.	0	get it

WG (prime / other): S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.
G: U: yes *MCC:* ZOICAS, Adrian

R99 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.900 Guide to 3G security

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version, comments):

SP-08	2000-06-23	1	.	2	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i> New at TSG#6
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WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
G: U: yes *MCC:* POPE, Maurice

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 *current version:* none
freeze_meeting: SP-10
history (event, available, version, comments):

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.

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
G: U: yes *MCC:* POPE, Maurice

R99 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1043

16 September 2004 20:17:44

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:</i> 1: General	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				get it	<i>remarks - general:</i>			ex SAGE. 2002-06: clarified that deliverable is TS not TR.
						<i>remarks - this release:</i>			TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	R99	<i>current version:</i> 2: Algorithm specification	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				get it	<i>remarks - general:</i>			ex SAGE
						<i>remarks - this release:</i>			TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	R99	<i>current version:</i> 3: Implementors' test data	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				get it	<i>remarks - general:</i>			ex SAGE
						<i>remarks - this release:</i>			.TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document	R99	<i>current version:</i> 4: Design conformance test data	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				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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3GPP specification status

Page 1044

16 September 2004 20:17:44

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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3GPP specification status

Page 1045

16 September 2004 20:17:44

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 *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):
ETSI publication 3 . 0 . 0 *remarks - general:*
remarks - this release: .

TR 01.03U Universal Mobile Telecommunications System (UMTS); System requirements
UMTS *current version:* none *WG (prime / other):* SMG5 / - *rapporteur:* RICHARDS, Derek IPWireless Inc.
freeze_meeting: G: yes U: *MCC:*
history (event, available, version, comments):
ETSI publication 1996-05-15 3 . 1 . 0 withdrawn [get it](#) *remarks - general:* ETSI ETR 291 withdrawn.
remarks - this release: ETSI ETR 291, withdrawn.

TR 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: G: yes U: *MCC:* N, A One
history (event, available, version, comments):
smg-19 1996-09-28 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 01.05U System design methodology for the UMTS
UMTS *current version:* none *WG (prime / other):* SMG5 / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: *MCC:*
history (event, available, version, comments):
draft 1 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1046

16 September 2004 20:17:44

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
G: yes U: MCC: N, A
history (event, available, version, comments):
Suspended 1996-04-10 3 . 0 . 0 [get it](#) *remarks - general:*
animation *remarks - this release:* .

UMTS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.01U Framework of network requirements, interworking and integration for the Universal Mobile Telecommunication System
UMTS *current version: none* *freeze_meeting:* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
Suspend work 1996-10-10 2 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

UMTS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.01U Universal Mobile Telecommunications System (UMTS); Objectives and framework for the Telecommunications Management Network (TMN) of the UMTS
UMTS *current version: none* *freeze_meeting:* WG (prime / other): SP / rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
draft 1997-10-10 2 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

UMTS 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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3GPP specification status

Page 1047

16 September 2004 20:17:44

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
freeze_meeting: One
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
freeze_meeting: One
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
freeze_meeting: One
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

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 1048

16 September 2004 20:17:44

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:
history (event, available, version, comments):
Waiting - see 1995-10-12 3 . 0 . 0
"secretariat
comments"

WG (prime / other): S5 / *rapporteur:* N, A
G: *U:* yes *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
remarks - this release: .

Indicate persons who left Company and wait for new One

TR 12.02U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS
UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
Waiting - see 1996-10-10 3 . 0 . 0
"secretariat
comments"

WG (prime / other): S5 / *rapporteur:* N, A
G: *U:* yes *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept
UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-22 1997-06-13 3 . 0 . 0
ETSI publication 1998-11-03 3 . 0 . 1

WG (prime / other): GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
G: *U:* *MCC:* Skov
USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 21.04U Requirements for the support of data services in UMTS
UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
draft 2000-01-17 1 . 0 . 0

WG (prime / other): - / - *rapporteur:* HOLLEY, Kevin mm02 plc
G: *U:* *MCC:* N, A
[get it](#) *remarks - general:*
remarks - this release: #26: 0.0.2 or perhaps as 1.0.0

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3GPP specification status

Page 1049

16 September 2004 20:17:44

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	1998-11-24	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	1998-10-17	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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3GPP specification status

Page 1050

16 September 2004 20:17:44

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>	<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-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: yes</i>	<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>	<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 22.24U	Charging and Accounting Mechanism				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CHAMBERS, David	MOTOROLA Ltd	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> 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>	<i>U:</i>	<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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3GPP specification status

Page 1051

16 September 2004 20:17:44

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>	G: U:	MCC: 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>	G: U:	MCC: 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>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
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>	G: U:	MCC: 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>	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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3GPP specification status

Page 1052

16 September 2004 20:17:44

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> .	
<hr/>						
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> .	
<hr/>						
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>				<i>remarks - general:</i>	
	smg-25 1998-05-28 3 . 0 . 0		get it		<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>				<i>remarks - general:</i>	
	draft 0 . 0 . 7 1997-10-19				<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>				<i>remarks - general:</i>	
	smg-25 3 . 0 . 0				<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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3GPP specification status

Page 1053

16 September 2004 20:17:44

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>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
		WG (prime / other): - / -	rapporteur: FISCHER, Ralf		ROBERT BOSCH GmbH
		G: U:	MCC: N, A		
				remarks - general:	
				remarks - this release:	
<hr/>					
TS 22.75U	Service aspects; Advanced addressing				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	smg-25	2 . 0 . 0			
	smg-27	1998-10-17 3 . 0 . 0			
				remarks - general:	
		get it		remarks - this release:	#25: 2.0.0 #27: 3.0.0
<hr/>					
TR 22.80U	UMTS Relationship to other Standards				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	First complete draft	1997-10-19 1 . 0 . 2			
	WG approval	1997-11-07 2 . 0 . 0			
	Under TB change control.	1998-03-20 2 . 0 . 1			
	Milestone 1	1997-12-19 2 . 0 . 1			
				remarks - general:	
		get it		remarks - this release:	#24: 2.0.1
		get it			
		get it			
		get it			
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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>freeze_meeting:</i>				
	<i>history (event, available, version, comments):</i>				
	smg-27	1999-02-24 3 . 0 . 0			
				remarks - general:	
		get it		remarks - this release:	#27: for info
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3GPP specification status

Page 1054

16 September 2004 20:17:44

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>		
	<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> .
<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>	G: U:	MCC:	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>	G: U:	MCC:	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>	G: U:	MCC:	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>	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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3GPP specification status

Page 1055

16 September 2004 20:17:44

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>	G: U:	MCC: 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>	G: U:	MCC: 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>	G: U:	MCC: 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>	G: U:	MCC: 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>	G: U:	MCC: 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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3GPP specification status

Page 1056

16 September 2004 20:17:44

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: .

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3GPP specification status

Page 1057

16 September 2004 20:17:45

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:

history (event, available, version, comments):

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 25.20U UMTS Radio Aspects; Transmission and reception
UMTS *current version: none*
freeze_meeting:

history (event, available, version, comments):

WG (prime / other): - / rapporteur: N, A
G: U: yes MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS
UMTS *current version: none*
freeze_meeting:

history (event, available, version, comments):

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 1058

16 September 2004 20:17:45

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):

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson
G: U: *MCC:* N, A

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

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):

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun Telefon AB LM Ericsson
G: U: *MCC:* N, A

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

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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3GPP specification status

Page 1059

16 September 2004 20:17:45

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

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3GPP specification status

Page 1060

16 September 2004 20:17:45

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):* / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: *G:* *U:* yes *MCC:* One
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 31.60U **Essential requirements for UMTS Mobile Earth Stations (MES) operating within frequency bands 1980- 2010 and 2170-2200 MHz**
UMTS *current version:* none *WG (prime / other):* / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: *G:* *U:* yes *MCC:* One
history (event, available, version, comments):
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 / - *rapporteur:* 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 1061

16 September 2004 20:17:45

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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3GPP specification status

Page 1062

16 September 2004 20:17:45

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
freeze_meeting:

WG (prime / other): SP / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: *U:* yes *MCC:* POPE, Maurice

history (event, available, version, 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
freeze_meeting: smg-29

WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar

Deutsche Telekom AG

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

SP-15: withdrawn since SMG and PT-SMG no longer exist.

[get it](#)

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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3GPP specification status

Page 1063

16 September 2004 20:17:45

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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3GPP specification status

Page 1064

16 September 2004 20:17:45

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
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[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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3GPP specification status

Page 1065

16 September 2004 20:17:45

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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3GPP specification status

Page 1066

16 September 2004 20:17:45

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
freeze_meeting: smg-29
history (event, available, version, comments):

draft	1997-02-08	0	.	0	.	0	
draft	1997-03-24	0	.	1	.	0	
draft	1997-03-27	0	.	1	.	1	
draft	1997-04-09	0	.	1	.	2	
draft	1997-05-07	0	.	2	.	0	
smg-22	1997-06-10	1	.	0	.	0	
draft	1997-06-19	1	.	1	.	0	
draft	1997-07-09	1	.	2	.	0	
draft	1997-09-10	1	.	3	.	0	
smg-23	1997-10-10	1	.	3	.	2	
draft	1997-10-22	1	.	4	.	0	
draft	1997-12-02	1	.	5	.	0	
draft	1998-06-04	1	.	6	.	0	
smg-25	1998-03-10	1	.	6	.	0	abandoned

WG (prime / other): S2 / - *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* July 2002: abandoned
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 10.87 User to User Signalling (UUS)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, comments):

WG (prime / other): S2 / GP *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* YOON, Sang-Ui

remarks - general:
remarks - this release: No draft ever produced.

TR 10.94 Follow Me supplementary service

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version, comments):

WG (prime / other): SP / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
G: yes U: *MCC:* POPE, Maurice

remarks - general:
remarks - this release: No draft ever produced.

R98

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 1067

16 September 2004 20:17:45

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 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 NP /
T2 /
SCP

history (event, available, version, comments): G: yes U: MCC: CLAYTON, Michael

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 *WG (prime / other):* G3new/ S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 NP /
T2 /
SCP

history (event, available, version, comments): G: yes U: MCC: CLAYTON, Michael

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 *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-26 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.

3GPP specification status

Page 1068

16 September 2004 20:17:45

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 1069

16 September 2004 20:17:45

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.

3GPP specification status

Page 1070

16 September 2004 20:17:45

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 1071

16 September 2004 20:17:45

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 / - *rapporteur:* 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):* - / - *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* N, A One
history (event, available, version, 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):* - / - *rapporteur:* 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 access; U = required in systems with UMTS access.

3GPP specification status

Page 1072

16 September 2004 20:17:46

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 *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):
smg-27 1998-10-16 6 . 0 . 0 [get it](#) *remarks - general:* Replaced by 01.33.
remarks - this release: SMG#27:6.0.0; replaced by 01.33

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues
R97 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* PETERSEN, Johan Apica Technologies
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
smg-25 6 . 0 . 0 *remarks - general:*
remarks - this release:

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
R97 *current version:* none *WG (prime / other):* 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):
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R97 *current version:* none *WG (prime / other):* 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):
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1073

16 September 2004 20:17:46

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 acces; 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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<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	G: yes U:	<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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 1075

16 September 2004 20:17:46

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.

3GPP specification status

Page 1076

16 September 2004 20:17:46

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	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> LJUNGGREN, Tommy	Northstream AB	
	<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 02.27	DECT access to GSM networks				
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 02.28	UPT phase 1				
R96	<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> 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 02.29	Inter operation with UPT phase 2				
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 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: POPE, Maurice		
<i>history (event, available, version, comments):</i>					
	draft 1997-05-13	1 . 0 . 0	get it	<i>remarks - general:</i>	
	draft 1997-10-01	2 . 0 . 0	get it	<i>remarks - this release:</i> #26: withdrawn	
	smg-23 1997-10-17	5 . 0 . 0	get it		withdrawn

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 1077

16 September 2004 20:17:46

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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3GPP specification status

Page 1078

16 September 2004 20:17:46

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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3GPP specification status

Page 1079

16 September 2004 20:17:46

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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3GPP specification status

Page 1080

16 September 2004 20:17:46

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: .

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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3GPP specification status

Page 1081

16 September 2004 20:17:46

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>WG (prime / other):</i> N4	/ SPAN	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-22		/ T2			
	<i>history (event, available, version, comments):</i>	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	smg-20 1996-10-11 5 . 0 . 0					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>WG (prime / other):</i> -	/	<i>rapporteur:</i> APRATH, Stefan	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes	U:	MCC:	N, A	
	<i>history (event, available, version, comments):</i>					
	Table of Contents 1996-09-01 0 . 4 . 0					get it <i>remarks - general:</i> <i>remarks - this release:</i> .
	and Scope					
<hr/>						
TS 03.36	Premium rate services - stage 2					
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/>						
TR 03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> T2	/ -	<i>rapporteur:</i> HARRIS, Ian	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-22	G: yes	U:	MCC:	RODERMUND, Friedhelm	
	<i>history (event, available, version, comments):</i>					
	TP-09 (Withdrawn) 2000-09-28 5 . 0 . 0					get it <i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references
	smg-20 1996-10-11 5 . 0 . 0					get it <i>remarks - this release:</i> #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references
<hr/>						
TS 03.60	General Packet Radio Service (GPRS); Service description; Stage 2					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2	/ -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes	U:	MCC:	YOON, Sang-Ui	
	<i>history (event, available, version, comments):</i>					
						<i>remarks - general:</i> <i>remarks - this release:</i> .
	smg-23 5 . 0 . 0					
	smg-24 5 . 1 . 0					
	smg-25 5 . 2 . 0					
	5 . 3 . 0					withdrawn, SMG-25

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3GPP specification status

Page 1082

16 September 2004 20:17:46

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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3GPP specification status

Page 1083

16 September 2004 20:17:46

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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3GPP specification status

Page 1084

16 September 2004 20:17:46

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: .

R96

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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3GPP specification status

Page 1085

16 September 2004 20:17:46

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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3GPP specification status

Page 1086

16 September 2004 20:17:46

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

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3GPP specification status

Page 1087

16 September 2004 20:17:46

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.

3GPP specification status

Page 1088

16 September 2004 20:17:47

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 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* PETERSEN, Johan Apica Technologies
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

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: #25: (5.x.y withdrawn)</i>
smg-24	1997-10-08	5	.	2	.	0	get it
draft	1997-10-28	5	.	2	.	1	get it
draft	1998-12-10	5	.	3	.	0	get it
smg-24	1997-12-20	5	.	3	.	1	get it
draft	1998-02-05	5	.	3	.	2	get it
draft	1998-02-12	5	.	3	.	3	get it
draft	1998-02-15	5	.	3	.	4	get it
draft	1998-03-15	5	.	3	.	5	get it
draft	1998-03-05	5	.	4	.	0	get it
smg-25	1998-03-15	5	.	4	.	1	get it
draft	1998-04-06	5	.	4	.	2	get it

TR 10.66 Support of Mobile Number Portability (MNP); Project plan

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* TARAZI, Roger EDP Telecom
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

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 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

smg-21		5	.	0	.	0	abandoned <i>remarks - general:</i>
							<i>remarks - this release: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.</i>

R96

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1089

16 September 2004 20:17:47

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

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 1090

16 September 2004 20:17:47

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>G: yes U:</i>	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>		<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>G: yes U:</i>	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>		<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.

3GPP specification status

Page 1091

16 September 2004 20:17:47

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

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1092

16 September 2004 20:17:47

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
ETSI OAP 1995-03-06 4 . 2 . 0
ETSI publication 1995-08-01 4 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn
[get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 1093

16 September 2004 20:17:47

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

3GPP specification status

Page 1094

16 September 2004 20:17:47

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	
GP-04	2001-04-11	4 . 32 . 0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS access.

3GPP specification status

Page 1095

16 September 2004 20:17:47

WITHDRAWN specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

GP-05 2001-06-28 4 . 33 . 0
GP-06 2001-09-06 4 . 34 . 0

[get it](#)
[get it](#)

TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2 *current version:* none

freeze_meeting:

history (event, available, version, comments):

WG (prime / other): - /

G: yes U:

rapporteur: HOWELL, Andrew

MCC: N, A

MOTOROLA Ltd

remarks - general:

remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version:* none

freeze_meeting:

history (event, available, version, comments):

WG (prime / other): G1 / -

G: yes U:

rapporteur: VACANT,

MCC: USAI, Paolino

remarks - general:

remarks - this release: (no such spec)

Ph2

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2 *current version:* none

freeze_meeting:

history (event, available, version, comments):

draft 0 . 0 . 0

WG (prime / other): - / -

G: yes U:

rapporteur:

MCC: N, A

remarks - general:

Title may have been "Network Management (NM); Part 3: Operations and performance management".
remarks - this release: . management".

Ph1

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1096

16 September 2004 20:17:47

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
1995-10-06 0 . 2 . 1
1994-05-10 3 . 0 . 0
1994-05-10 3 . 0 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1097

16 September 2004 20:17:47

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 acces; U = required in systems with UMTS access.

3GPP specification status

Page 1098

16 September 2004 20:17:47

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 *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: G: yes U: *MCC:* YOON, Sang-Ui One
history (event, available, version, comments):
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 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Research In Motion Limited
freeze_meeting: G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
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 *WG (prime / other):* N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation
freeze_meeting: gsm-25b G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
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.

3GPP specification status

Page 1099

16 September 2004 20:17:47

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 access; U = required in systems with UMTS access.

3GPP specification status

Page 1100

16 September 2004 20:17:47

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
freeze_meeting:
history (event, available, version, comments):
draft 0 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: yes U: MCC: N, A

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and performance
remarks - this release: . management".

TS 12.13 Maintenance of the Mobile-services Switching Centre

Ph1 *current version:* none
freeze_meeting: gsm-25b
history (event, available, version, comments):

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: MCC: ZOICAS, Adrian

remarks - general:
remarks - this release: .

TS 12.14 Maintenance of Location Registers

Ph1 *current version:* none
freeze_meeting: gsm-25b
history (event, available, version, comments):

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: MCC: ZOICAS, Adrian

remarks - general:
remarks - this release: .

24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

G = required in systems with GERAN acces; U = required in systems with UMTS access.

3GPP specification status

Page 1101

16 September 2004 20:17:47

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
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

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
freeze_meeting:

WG (prime / other): S5 / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

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 access; U = required in systems with UMTS access.