

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

**Title:**             **Specs status list prior to TSGs#18**

**Document for:**    **information**

The following table shows the status list immediately prior to TSGs#18. It differs from that corresponding to the end of SA#17 insofar as it contains new specs created since that time and later drafts of specs not yet under change control. It also reflects the updates resulting from GERAN#11 but not those resulting from GERAN#12.

# 3GPP specification status

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Active or Withdrawn / Stopped (Active specs first)  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

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Withdrawn / Stopped

## ACTIVE specs

### Rel-6

Rel-6 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)**TS 21.104 3rd Generation mobile system Release 6 specifications**Rel-6 *current version:* none  
*freeze\_meeting:* SP-16  
*history (event, available, version,**WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* *U:* yes *MCC:* POPE, Maurice*remarks - general:*  
*remarks - this release:* .**TR 21.905 Vocabulary for 3GPP Specifications**Rel-6 *current version:* 6.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
SP-17 16/09/2002 6 . 0 . 0*WG (prime / other):* S1 / - *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd  
*G:* *U:* yes *MCC:* CLAYTON, Michael[get it](#) *remarks - general:*  
*remarks - this release:* .Rel-6 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)**TS 22.071 Location Services (LCS); Stage 1**Rel-6 *current version:* 6.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
SP-16 04/07/2002 6 . 0 . 0  
SP-17 17/09/2002 6 . 1 . 0*WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.  
*G:* yes *U:* yes *MCC:* CLAYTON, Michael[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:* .

# 3GPP specification status

Page 3

02 December 2002 20:50:18

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

---

<b>TS 22.101</b>	<b>Service aspects; Service principles</b>								
Rel-6	current version: 6.1.0		WG (prime / other): S1 / -	rapporteur: DWYER, Paul		NORTEL NETWORKS (EUROPE)			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 04/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			<a href="#">get it</a>	remarks - general:					
			<a href="#">get it</a>	remarks - this release:	SP-020234 slide 11 justifies existence.				
<hr/>									
<b>TS 22.105</b>	<b>Services and service capabilities</b>								
Rel-6	current version: 6.0.0		WG (prime / other): S1 / -	rapporteur: EVEN, Anne		France Telecom			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-17 17/09/2002	6 . 0 . 0							
			<a href="#">get it</a>	remarks - general:					
				remarks - this release:	.				
<hr/>									
<b>TS 22.127</b>	<b>Service Requirement for the Open Services Access (OSA); Stage 1</b>								
Rel-6	current version: 6.1.0		WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg		SIEMENS AG			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 04/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			<a href="#">get it</a>	remarks - general:					
			<a href="#">get it</a>	remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".				
<hr/>									
<b>TS 22.141</b>	<b>Presence service; Stage 1</b>								
Rel-6	current version: 6.1.0		WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph		SBC Communications Inc.			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 19/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			<a href="#">get it</a>	remarks - general:					
			<a href="#">get it</a>	remarks - this release:	SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".				
<hr/>									
<b>TS 22.146</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 1</b>								
Rel-6	current version: 6.1.0		WG (prime / other): S1 /	rapporteur: JARVIS, Andre		Hutchison 3G UK Limited			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 04/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			<a href="#">get it</a>	remarks - general:	Replaces 22.946. Note that stage 2 is 23.246.				
			<a href="#">get it</a>	remarks - this release:	.				

---

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

# 3GPP specification status

Page 4

02 December 2002 20:50:18

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

---

<b>TS 22.174</b>	<b>Push service; Stage 1</b>								
Rel-6	<i>current version:</i> 6.0.0								
	<i>freeze_meeting:</i> SP-18								
	<i>history (event, available, version,</i>								
	draft	27/03/2002	0 . 6 . 0	S1-020540	<a href="#">get it</a>	<i>remarks - general:</i>			
	draft		0 . 8 . 1			<i>remarks - this release:</i>	SP-15: Timed out of Rel-5.		
	SP-16		1 . 0 . 0	SP-020230 (inside liaison statement)					
	post SP-16 clean	04/07/2002	1 . 0 . 1		<a href="#">get it</a>				
	up								
	SP-17	17/09/2002	2 . 0 . 0	SP-020571	<a href="#">get it</a>				
	SP-17	16/09/2002	6 . 0 . 0		<a href="#">get it</a>				
<hr/>									
<b>TS 22.177</b>	<b>Speech-enabled services; Stage 1</b>								
Rel-6	<i>current version:</i> none								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
						<i>remarks - general:</i>	Spec number reserved; production depends on results of feasibility study		
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TS 22.228</b>	<b>Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1</b>								
Rel-6	<i>current version:</i> 6.1.0								
	<i>freeze_meeting:</i> SP-20								
	<i>history (event, available, version,</i>								
	SP-16	04/07/2002	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-17	17/09/2002	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	SP-020234 slide 11 justifies existence.		
<hr/>									
<b>TS 22.233</b>	<b>Transparent end-to-end packetswitched streamng service; Stage 1</b>								
Rel-6	<i>current version:</i> 6.0.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	SP-17	17/09/2002	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		

---

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

# 3GPP specification status

Page 5

02 December 2002 20:50:18

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

---

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

Rel-6 *current version:* none *WG (prime / other):* S1 / *rapporteur:* AMERY, Paul ORANGE PCS LTD  
*freeze\_meeting:* SP-17 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*

*remarks - general:* Cf work item 'Generic user profile'  
*remarks - this release:* SP-17: Expected for SP-18.

---

## TS 22.242 Digital Rights Management (DRM); Stage 1

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* WOOD, Nicholas Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
SP-15 19/03/2002 1 . 0 . 0 SP-020061 [get it](#) *remarks - general:*  
SP-16 04/07/2002 2 . 0 . 0 SP-020261 [get it](#) *remarks - this release:* .  
SP-16 04/07/2002 6 . 0 . 0 [get it](#)  
SP-17 17/09/2002 6 . 1 . 0 [get it](#)

---

## TS 22.243 Speech recognition framework for automated voice services; Stage 1

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
brought forwards 02/01/2002 1 . 0 . 0 [get it](#) *remarks - general:*  
from Rel-5 *remarks - this release:* Delayed from Rel-5.  
SP-15 27/03/2002 1 . 2 . 0 S1-020114 [get it](#)  
SP-17 19/09/2002 2 . 0 . 0 SP-020572 [get it](#)  
SP-17 16/09/2002 6 . 0 . 0 [get it](#)

---

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

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S1 / *rapporteur:* KALLIOKULJU, Juha NOKIA MOBILE PHONES  
*freeze\_meeting:* *G:* *U:* yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
draft 24/04/2002 0 . 1 . 0 [get it](#) *remarks - general:*  
SP-17 16/09/2002 1 . 0 . 0 SP-020566 [get it](#) *remarks - this release:* .

---

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

# 3GPP specification status

Page 6

02 December 2002 20:50:18

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

---

<b>TS 22.340</b>	<b>IP Multimedia Subsystem (IMS) messaging; Stage 1</b>								
Rel-6	current version: none			WG (prime / other): S1 /	rapporteur: KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	freeze_meeting:			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,							remarks - general: 2002-10-08: created from 22.940.	
								remarks - this release: .	
<hr/>									
<b>TR 22.800</b>	<b>IP Multimedia Subsystem (IMS) subscription and access scenarios</b>								
Rel-6	current version: 0.0.5		DRAFT	WG (prime / other): S1 /	rapporteur: FRANK, Robert	TELIA AB			
	freeze_meeting:			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	S1-18	0 . 0 . 5	S1-022295					remarks - general:	
								remarks - this release: .	
<hr/>									
<b>TR 22.857</b>	<b>Run-time independent framework feasibility study</b>								
Rel-6	current version: 1.0.0		DRAFT	WG (prime / other): T2 /	rapporteur: WOODWARD, Ernest	Intel Sweden AB			
	freeze_meeting:			G: yes U: yes	MCC: RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-17	30/08/2002	1 . 0 . 0	<a href="#">get it</a>				remarks - general:	
								remarks - this release: .	
<hr/>									
<b>TR 22.934</b>	<b>Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking</b>								
Rel-6	current version: 6.0.0			WG (prime / other): S1 / -	rapporteur: PAINT, Frédéric	Telenor AS			
	freeze_meeting: SP-18			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-15	19/03/2002	1 . 0 . 0	<a href="#">get it</a>				remarks - general:	
	SP-17	19/09/2002	2 . 0 . 0	<a href="#">get it</a>				remarks - this release: .	
	SP-17	16/09/2002	6 . 0 . 0	<a href="#">get it</a>					
<hr/>									
<b>TR 22.950</b>	<b>Priority service feasibility study</b>								
Rel-6	current version: 6.0.0			WG (prime / other): S1 / -	rapporteur: GARRAHAN, James	Telcordia Technologies, Inc.			
	freeze_meeting:			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-15	19/03/2002	1 . 0 . 0	<a href="#">get it</a>				remarks - general: Additional rapporteur: B Pramanik (Telcordia).	
	draft		1 . 1 . 0					remarks - this release: .	
	SP-16	04/07/2002	2 . 0 . 0	<a href="#">get it</a>					
	SP-16	04/07/2002	6 . 0 . 0	<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 7

02 December 2002 20:50:19

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

## TR 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 1.0.0 DRAFT  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
draft 0 . 0 . 0 S1-020342  
SP-17 16/09/2002 1 . 0 . 0 SP-020565

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

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

## TR 22.977 Feasibility study for speech-enabled services

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

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

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

Rel-6 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-6 *current version:* 6.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
TP-17 18/09/2002 6 . 0 . 0  
post TP-17: adds 24/09/2002 6 . 0 . 1  
test vector file

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

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

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
TP-17 18/09/2002 6 . 0 . 0

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

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

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



# 3GPP specification status

Page 8

02 December 2002 20:50:19

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

---

<b>TS 23.057</b>	<b>Mobile Execution Environment (MExE); Functional description; Stage 2</b>								
Rel-6	current version: 6.1.0	WG (prime / other):	T2 / -	rapporteur:	BRENK, Lars	TTPCom Ltd			
	freeze_meeting:	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-16 28/06/2002	6 . 0 . 0						<a href="#">get it</a>	remarks - general: Apr-2001: " Station Application" removed from title.
	TP-17 18/09/2002	6 . 1 . 0						<a href="#">get it</a>	remarks - this release: .
<hr/>									
<b>TS 23.127</b>	<b>Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2</b>								
Rel-6	current version: none	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting:	G:	U: yes	MCC:	SULTAN, Alain				
	history (event, available, version,								
									remarks - general: Sept 00: "Open Service Architecture" removed from title.
									remarks - this release: SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".
<hr/>									
<b>TR 23.141</b>	<b>Presence service; Architecture and functional description; Stage 2</b>								
Rel-6	current version: 6.0.0	WG (prime / other):	S2 /	rapporteur:	MAANSAARI, Kirsi	NOKIA KOREA			
	freeze_meeting:	G:	U: yes	MCC:	SULTAN, Alain				
	history (event, available, version,								
	draft 17/06/2002	0 . 0 . 0						<a href="#">get it</a>	remarks - general:
	SP-17 04/10/2002	1 . 0 . 0						<a href="#">get it</a>	remarks - this release: .
	SP-17 07/10/2002	6 . 0 . 0						<a href="#">get it</a>	
									SP-020538 for approval
									Many editorial corrections needed before fit for SDO publication.
<hr/>									
<b>TS 23.174</b>	<b>Push service; stage 2</b>								
Rel-6	current version: none	WG (prime / other):	S2 /	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc			
	freeze_meeting:	G:	U: yes	MCC:	SULTAN, Alain				
	history (event, available, version,								
									remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is
									remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in
									case ...".
<hr/>									
<b>TS 23.228</b>	<b>IP Multimedia Subsystem (IMS); Stage 2</b>								
Rel-6	current version: none	WG (prime / other):	S2 / -	rapporteur:	TOWLE, Thomas	Lucent Technologies			
	freeze_meeting:	G: yes	U: yes	MCC:	SULTAN, Alain				
	history (event, available, version,								
									remarks - general:
									remarks - this release: .

---

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

# 3GPP specification status

Page 9

02 December 2002 20:50:19

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

<b>TS 23.234</b>	<b>3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition</b>						
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other): S2 / -	rapporteur: ,			
	freeze_meeting:		G: U: yes	MCC: SULTAN, Alain			
	history (event, available, version,						
	conversion from	0 . 1 . 0				remarks - general:	
	23.934 v0.5.0					remarks - this release: .	
	SP-17 04/10/2002	1 . 0 . 0					
							SP-020537 Title on doc does not coincide with database (which bears same title as 23.934). <a href="#">get it</a>
<b>TS 23.241</b>	<b>3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework</b>						
Rel-6	current version: 0.3.0	DRAFT	WG (prime / other): T2 /	rapporteur: HOLOUBEK, Kevin J. Motorola Inc.			
	freeze_meeting:		G: U: yes	MCC: RODERMUND, Friedhelm			
	history (event, available, version,						
	draft 28/05/2002	0 . 3 . 0				remarks - general: Cf work item 'Generic user profile'	
						remarks - this release: RP-15: Delayed from Rel-5.	
<b>TS 23.271</b>	<b>Location Services (LCS); Functional description; Stage 2</b>						
Rel-6	current version: 6.1.0		WG (prime / other): S2 / -	rapporteur: KÅLL, Jan NOKIA Corporation			
	freeze_meeting:		G: yes U: yes	MCC: SULTAN, Alain			
	history (event, available, version,						
	SP-16 18/06/2002	6 . 0 . 0				remarks - general: post-TSG#8: Recombined 2G and 3G spec for R00 onwards.	
	SP-17 02/10/2002	6 . 1 . 0				remarks - this release: Continues 23.871	
<b>TR 23.841</b>	<b>Presence service architecture</b>						
Rel-6	current version: 6.0.0		WG (prime / other): S2 /	rapporteur: MAANSAARI, Kirsi NOKIA KOREA			
	freeze_meeting:		G: U: yes	MCC: SULTAN, Alain			
	history (event, available, version,						
	SP-16 22/07/2002	2 . 0 . 0				remarks - general:	
	SP-16 25/07/2002	6 . 0 . 0				remarks - this release: TP-16: clear that service is Rel-6.	

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

# 3GPP specification status

Page 10

02 December 2002 20:50:19

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

---

<b>TR 23.846</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 2</b>					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>					
	draft 12/04/2002	0 . 3 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	This is a preparatory report which may result in the creation of a stage 2 TS	
	S2-24	0 . 4 . 0		<i>remarks - this release:</i>	SP-15: To be a Rel-6 service, not Rel-5.	
	post S2-24 22/05/2002	0 . 5 . 0	<a href="#">get it</a>			
	draft 28/05/2002	0 . 5 . 1	<a href="#">get it</a>			
	SP-16 04/07/2002	1 . 0 . 0	<a href="#">get it</a>			SP-020361
	draft 19/07/2002	1 . 1 . 0	<a href="#">get it</a>			
	draft 22/07/2002	1 . 1 . 1	<a href="#">get it</a>			
	draft 16/09/2002	1 . 2 . 0	<a href="#">get it</a>			
	SP-17 24/09/2002	2 . 0 . 0	<a href="#">get it</a>			SP-020535
	SP-17 03/10/2002	6 . 0 . 0	<a href="#">get it</a>			

---

<b>TR 23.917</b>	<b>Dynamic policy control enhancements for End to end Quality of Service (QoS); Feasibility study</b>					
Rel-6	<i>current version:</i> 0.3.1	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> MOUSSET, Claire	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-18		G: yes U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>					
	draft 07/08/2002	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Work Item: SP-020140	
	draft 24/09/2002	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.	
	draft 24/09/2002	0 . 2 . 0	<a href="#">get it</a>			
	draft 14/11/2002	0 . 3 . 0	<a href="#">get it</a>			
	draft 14/11/2002	0 . 3 . 1	<a href="#">get it</a>			

---

<b>TR 23.934</b>	<b>3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition</b>					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PAINT, Frédéric	Telenor AS	
	<i>freeze_meeting:</i> SP-18		G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>					
	S2-24 07/05/2002	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-17 24/09/2002	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.	

---

Rel-6      24 .- series      Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

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

# 3GPP specification status

Page 11

02 December 2002 20:50:20

Server ACTIVE specs Rel-6 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.241 3GPP generic user profile requirements; Stage 3; Access; Common objects**  
Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
draft 28/05/2002 0 . 3 . 0 [get it](#) *remarks - general:* Cf work item 'Generic user profile' - may be renumbered to 27.241  
*remarks - this release:* 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

---

**TR 24.841 Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details**  
Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-19 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
draft 17/09/2002 0 . 1 . 0 [get it](#) *remarks - general:*  
draft 03/10/2002 0 . 2 . 0 [get it](#) *remarks - this release:* .  
N1-26 14/11/2002 0 . 3 . 0 [get it](#)

---

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

---

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

---

**TS 25.346 Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)**  
Rel-6 *current version:* 1.1.0 DRAFT *WG (prime / other):* R2 / - *rapporteur:* KOULAKIOTIS, Dimitris Nokia Telecommunications Inc.  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version,*  
draft 14/10/2002 1 . 1 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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

# 3GPP specification status

Page 12

02 December 2002 20:50:20

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

---

<b>TR 25.887</b>	<b>Beamforming</b>								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co. Ltd			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
<b>TR 25.889</b>	<b>Viable deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study</b>								
Rel-6	<i>current version:</i> 1.1.0	DRAFT		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> STAHLFJALL, Peter	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-16 26/06/2002	1 . 0 . 0	RP-020354		<a href="#">get it</a>				<i>remarks - general:</i>
	RP-17 24/09/2002	1 . 1 . 0	RP-020657		<a href="#">get it</a>				<i>remarks - this release:</i> .
<hr/>									
<b>TR 25.891</b>	<b>Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5</b>								
Rel-6	<i>current version:</i> 0.1.1	DRAFT		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	R3-31	0 . 0 . 1							<i>remarks - general:</i>
	R3-31	0 . 1 . 0							<i>remarks - this release:</i> .
	draft 11/10/2002	0 . 1 . 1			<a href="#">get it</a>				
<hr/>									
<b>TR 25.892</b>	<b>Analysis of OFDM for UTRAN enhancement</b>								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> RP-19			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
<b>TR 25.894</b>	<b>Enhanced UE positioning using software blanking</b>								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARTLETT, David	Cambridge Positioning Systems Limited			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 13

02 December 2002 20:50:20

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

---

<b>TR 25.895</b>	<b>Analysis of higher chip rates for UTRA TDD evolution</b>					
Rel-6	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>history (event, available, version,</i>	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BEALE, Martin	IPWireless Inc.
				G: U: yes	<i>MCC:</i> SASAKI, Tsukasa	
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> 2002-10-07: anticipate approval at RP-20.	
<hr/>						
<b>TR 25.896</b>	<b>Uplink enhancements for dedicated transport channels</b>					
Rel-6	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>history (event, available, version,</i>	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> RANTA-AHO, Karri	NOKIA Corporation
				G: U: yes	<i>MCC:</i> SASAKI, Tsukasa	
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TR 25.897</b>	<b>Feasibility study on the evolution of UTRAN architecture</b>					
Rel-6	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>history (event, available, version,</i>	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation
				G: U: yes	<i>MCC:</i> KRAUSE, Joern	
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TR 25.898</b>	<b>Power control enhancements for UTRA</b>					
Rel-6	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>history (event, available, version,</i>	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MITRA, Diptendu	NOKIA UK Ltd
				G: U: yes	<i>MCC:</i> SASAKI, Tsukasa	
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TR 25.992</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements</b>					
Rel-6	<i>current version: none</i>	<i>freeze_meeting:</i>	<i>history (event, available, version,</i>	<i>WG (prime / other):</i> RP / GP	<i>rapporteur:</i> KOULAKIOTIS, Dimitris	Nokia Telecommunications Inc.
				G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar	
					<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

---

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

# 3GPP specification status

Page 14

02 December 2002 20:50:20

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

---

**TR 25.993 Typical examples of RABs and RBs supported by UTRA**

Rel-6 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

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

*remarks - general:*  
*remarks - this release:* SP-17: Currently the latest release version.

---

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

---

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

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
TP-16 25/06/2002 6 . 0 . 0

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

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

---

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

---

**TS 29.163 Interworking between the IM CN subsystem and CS networks**

Rel-6 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

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

*remarks - general:*  
*remarks - this release:* NP-16: For earlier versions: see Rel-5.

---

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

Rel-6 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* N4 / - *rapporteur:* JANSSON, Jari NOKIA Corporation  
*G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* Work item description in N4-021258.  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 15

02 December 2002 20:50:21

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

---

<b>TS 29.332</b>	<b>Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3</b>				
Rel-6	current version: none	WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG	
	freeze_meeting:	G: U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
					remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.
					remarks - this release:
<hr/>					
<b>TS 29.333</b>	<b>Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3</b>				
Rel-6	current version: none	WG (prime / other): N4 /	rapporteur: SANDERS, David	VODAFONE Group Plc	
	freeze_meeting:	G: U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
					remarks - general:
					remarks - this release: .
<hr/>					
<b>TR 29.846</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description</b>				
Rel-6	current version: none	WG (prime / other): N1 /	rapporteur: HOBBS, Kevan	Hutchison 3G UK Limited	
	freeze_meeting: NP-19	G: yes U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
					remarks - general:
					remarks - this release: .
<hr/>					
<b>TR 29.962</b>	<b>Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage</b>				
Rel-6	current version: none	WG (prime / other): N3 / -	rapporteur: BELLING, Thomas	SIEMENS AG	
	freeze_meeting:	G: U: yes	MCC: BOSWARTHICK, David		
	history (event, available, version,				
					remarks - general:
					remarks - this release: .
<hr/>					
<b>TR 29.994</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults</b>				
Rel-6	current version: none	WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U: yes	Peter Skov		
	history (event, available, version,		MCC: JORGENSEN, Per Johan		
					remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
					remarks - this release: . latest Release version.

---

---

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



# 3GPP specification status

Page 16

02 December 2002 20:50:21

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

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

---

**TS 31.101 UICC-terminal interface; Physical and logical characteristics**

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* TP-17  
*history (event, available, version,*  
TP-17 18/09/2002 6 . 0 . 0

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

[get it](#)

*remarks - general:* Contents is a reference to ETSI TR 102 221.  
*remarks - this release:* TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.

---

**TS 31.113 USAT interpreter byte codes**

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
TP-16 19/06/2002 6 . 0 . 0  
TP-17 25/09/2002 6 . 1 . 0

*WG (prime / other):* T3 / *rapporteur:* ,  
*G:* *U:* yes *MCC:* DIETZE, Claus

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* .

---

**TS 31.114 USAT interpreter protocol and administration**

Rel-6 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

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

*remarks - general:*

*remarks - this release:* TP-15: Enhancements to Rel-5 envisaged.

---

**TS 31.115 Secured packet structure for (U)SIM Toolkit applications**

Rel-6 *current version:* 6.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
TP-16 26/06/2002 2 . 0 . 0 TP-020126  
TP-16 19/06/2002 6 . 0 . 0  
TP-17 23/09/2002 6 . 1 . 0

*WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International  
*G:* *U:* yes *MCC:* DIETZE, Claus

[get it](#)

*remarks - general:* additional rapporteur: Florence Martin.

[get it](#)

*remarks - this release:* SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.

[get it](#)

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

# 3GPP specification status

Page 17

02 December 2002 20:50:21

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

---

**TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications**

Rel-6 *current version:* 6.1.0 *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International  
*freeze\_meeting:* G: yes U: yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-16 26/06/2002 2 . 0 . 0 TP-020127 [get it](#) *remarks - general:* additional rapporteur: Florence Martin  
TP-16 19/06/2002 6 . 0 . 0 [get it](#) *remarks - this release:* SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as  
TP-17 23/09/2002 6 . 1 . 0 [get it](#) Rel-6, so scrap Rel-5.

---

**TS 31.131 C-language binding for (U)SIM API**

Rel-6 *current version:* 6.0.0 *WG (prime / other):* T3 / *rapporteur:* TON, Wim ASPECTS Software Ltd  
*freeze\_meeting:* G: U: yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-17 24/09/2002 2 . 0 . 0 TP-020219 [get it](#) *remarks - general:* Test spec is 34.131.  
TP-17 27/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .

---

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

---

**TS 32.140 Telecommunication management; Services operations management; Subscription management requirements**

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* CARYER, Geoffrey TELECOMMUNICATIONS MANAGEMENT  
*freeze\_meeting:* SP-16 G: U: yes *MCC:* ZOICAS, Adrian CONSULTANTS Ltd.  
*history (event, available, version,*  
SP-15 19/03/2002 1 . 0 . 0 SP-020012 (originally Rel-5) [get it](#) *remarks - general:*  
*remarks - this release:* SP-15: moved from Rel-5.

---

**TS 32.141 Telecommunication management; Services operations management; Subscription management architecture**

Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* EDER, Michael NOKIA Corporation  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 18

02 December 2002 20:50:21

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

---

<b>TS 32.150</b>	<b>Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2</b>					
Rel-6	<i>current version:</i> none	DRAFT	<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	Justification: see SP-020608. Stage 3: see 27.150.	
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.411</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Requirements</b>					
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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	SP-17 16/09/2002 1 . 0 . 0 SP-020500		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.412</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Information services</b>					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.413</b>	<b>Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); CORBA solution set</b>					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 32.421</b>	<b>Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements</b>					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	Motorola Inc.	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	SP-16 17/06/2002 1 . 0 . 0 SP-020330		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						

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

# 3GPP specification status

Page 19

02 December 2002 20:50:21

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

---

<b>TS 32.422</b>	<b>Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management</b>				
Rel-6	<i>current version: none</i>	<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,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
<b>TS 32.423</b>	<b>Telecommunication management; Subscriber and equipment trace: Trace data definition and management</b>				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RONKA, Kari		NOKIA Corporation
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
<b>TS 32.663</b>	<b>Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set</b>				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
<b>TS 32.664</b>	<b>Telecommunication management; Configuration Management (CM); Kernel CM CMIP solution set</b>				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
<b>TS 32.681</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements</b>				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	

---

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

# 3GPP specification status

Page 20

02 December 2002 20:50:21

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

---

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

---

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

---

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

---

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

---

**TS 33.234 3G security; Wireless Local Area Network (WLAN) interworking security**  
Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* S3 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
S3-25 23/10/2002 0 . 1 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 21

02 December 2002 20:50:22

Server ACTIVE specs Rel-6 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](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:* 0.0.1 DRAFT *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
S3-25 23/10/2002 0 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TR 33.810 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution**  
Rel-6 *current version:* 1.0.1 DRAFT *WG (prime / other):* S3 / - *rapporteur:* POPE, Maurice  
*freeze\_meeting:* SP-20 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-17 1 . 0 . 0 SP-020507 (wronly labeled 33.910) *remarks - general:* 2002-07-22: was formerly 33.910.  
edito post SP-17 18/09/2002 1 . 0 . 1 corrects spec number on front cover [get it](#) *remarks - this release:* SP-17: expect v2.0.0 at SP-18.

---

Rel-6 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

**TS 34.131 Test specification for C-language binding for (U)SIM API**  
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* TP-25 *G:* yes *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
T3-13 0 . 1 . 0 *remarks - general:* Base spec is 31.131.  
TP-17 24/09/2002 0 . 1 . 1 TP-020223 [get it](#) *remarks - this release:* .  
TP-17 19/09/2002 1 . 0 . 0 [get it](#)

---

Rel-6 41 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

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

# 3GPP specification status

Page 22

02 December 2002 20:50:22

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

## TS 41.104 GSM Release 6 specifications

Rel-6 *current version:* none  
*freeze\_meeting:* SP-16  
*history (event, available, version,*

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

*remarks - general:*  
*remarks - this release:* .

Rel-6 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TR 45.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 *current version:* 6.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
GP-10 19/07/2002 6 . 0 . 0

*WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Renumbered from 41.811.  
*remarks - this release:* Renumbered from 41.811.

## TR 45.902 Flexible layer 1

Rel-6 *current version:* 0.3.0 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 0 . 0 . 0  
GP-12 26/11/2002 0 . 3 . 0 GP-023427

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

*remarks - general:*  
*remarks - this release:* .

Rel-6 52 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

## TS 52.008 Telecommunication management; GSM subscriber and equipment trace

Rel-6 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

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

*remarks - general:*  
*remarks - this release:* .

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

# 3GPP specification status

Page 23

02 December 2002 20:50:22

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

Rel-6 55 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/55\\_series](http://www.3gpp.org/ftp/Specs/archive/55_series)

---

**TS 55.205** Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8  
Rel-6 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

---

**TS 55.216** Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification  
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* ,  
*freeze\_meeting:* SP-20 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*  
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release: .*

---

**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 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* ,  
*freeze\_meeting:* SP-20 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*  
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release: .*

---

**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 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* ,  
*freeze\_meeting:* SP-20 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*  
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release: .*

---

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



# 3GPP specification status

Page 24

02 December 2002 20:50:22

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

---

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* ,  
*freeze\_meeting:* SP-20 *G:* yes *U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*  
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .

---

## Rel-5

Rel-5 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TS 21.103 3rd Generation mobile system Release 5 specifications**

Rel-5 *current version:* 5.1.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-12 0 . 0 . 0 SP-010275 *remarks - general:*  
SP-12 05/07/2001 0 . 1 . 0 SP-010381 [get it](#) *remarks - this release:* .  
SP-13 01/10/2001 1 . 0 . 0 SP-010418 [get it](#)  
SP-15 19/03/2002 1 . 1 . 0 SP-020095 [get it](#)  
SP-15 19/03/2002 1 . 2 . 0 SP-020202 [get it](#)  
SP-16 2 . 0 . 0  
SP-16 2 . 1 . 0 SP-020274  
SP-16 2 . 2 . 0 SP-020401  
SP-16 19/06/2002 5 . 0 . 0 SP-020411 [get it](#)  
SP-17 18/09/2002 5 . 1 . 0 [get it](#)

---

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

# 3GPP specification status

Page 25

02 December 2002 20:50:22

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

---

<b>TS 21.111</b>	<b>USIM and IC card requirements</b>								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan				T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> TP-16			<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16 19/06/2002	5	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-17 18/09/2002	5	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>									
<b>TR 21.801</b>	<b>Specification drafting rules</b>								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M				ETSI Secretariat
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002	5	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 19/07/2002	5	. 0	. 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>									
<b>TR 21.877</b>	<b>Radio optimization impacts on the Packet Switched (PS) domain architecture</b>								
Rel-5	<i>current version:</i> 0.5.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LAUTIER, Laurence				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16			<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	draft 15/04/2002	0	. 2	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	draft 14/08/2002	0	. 4	. 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	draft 17/09/2002	0	. 5	. 0	<a href="#">get it</a>				
<hr/>									
<b>TR 21.900</b>	<b>Technical Specification Group working methods</b>								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M				ETSI Secretariat
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002	5	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito post SP-17 18/09/2002	5	. 0	. 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
									corrects Release id on cover page

---

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

# 3GPP specification status

Page 26

02 December 2002 20:50:23

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

## TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-12 27/06/2001 5 . 0 . 0  
SP-13 05/10/2001 5 . 1 . 0  
SP-14 10/01/2002 5 . 2 . 0  
SP-15 25/03/2002 5 . 3 . 0  
SP-16 04/07/2002 5 . 4 . 0  
SP-17 16/09/2002 5 . 5 . 0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# 3GPP specification status

Page 27

02 December 2002 20:50:23

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

---

<b>TS 22.004</b>	<b>General on supplementary services</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
<hr/>									
<b>TS 22.011</b>	<b>Service accessibility</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
	SP-17 17/09/2002	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
							<a href="#">get it</a>	<i>remarks - this release:</i> .	
<hr/>									
<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
<hr/>									
<b>TS 22.022</b>	<b>Personalisation of Mobile Equipment (ME); Mobile functionality specification</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-17								
	<i>history (event, available, version,</i>								
	SP-17 18/09/2002	5	.	0	.	0			identical to 4.1.0.
							<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
<hr/>									
<b>TS 22.024</b>	<b>Description of Charge Advice Information (CAI)</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5	<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 28

02 December 2002 20:50:23

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

---

<b>TS 22.030</b>	<b>Man-Machine Interface (MMI) of the User Equipment (UE)</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.032</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0	<a href="#">get it</a>	<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/>									
<b>TS 22.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
	SP-10 08/01/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
	SP-12 27/06/2001 5 . 2 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 22.041</b>	<b>Operator Determined Call Barring</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODA FONE Group Plc					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<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

# 3GPP specification status

Page 29

02 December 2002 20:50:23

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

---

<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4.						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd					
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution						
	SP-11 02/04/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Environment (MExE); Stage 1".						
	SP-13 05/10/2001 5 . 2 . 0	<a href="#">get it</a>							
	SP-15 25/03/2002 5 . 3 . 0	<a href="#">get it</a>							
	edito post SP-15 04/04/2002 5 . 3 . 1	<a href="#">get it</a>							
	SP-16 04/07/2002 5 . 4 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-13 05/10/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
	SP-15 25/03/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
	SP-16 04/07/2002 5 . 2 . 0	<a href="#">get it</a>							

---

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

# 3GPP specification status

Page 30

02 December 2002 20:50:24

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

---

<b>TS 22.066</b>	<b>Support of Mobile Number Portability (MNP); Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.067</b>	<b>enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>								
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.					
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-14 10/01/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
	SP-15 25/03/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
	edito post SP-15 04/04/2002 5 . 1 . 1	<a href="#">get it</a>							
<hr/>									
<b>TS 22.072</b>	<b>Call Deflection (CD); Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.076</b>	<b>Noise suppression for the AMR codec; Service description; Stage 1</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

---

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

# 3GPP specification status

Page 31

02 December 2002 20:50:24

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

---

<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>				
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-09 09/11/2000 5 . 0 . 0	unclear how to implement CR	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-10 08/01/2001 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-11 02/04/2001 5 . 2 . 0		<a href="#">get it</a>		
	SP-12 27/06/2001 5 . 3 . 0		<a href="#">get it</a>		
	SP-13 05/10/2001 5 . 4 . 0		<a href="#">get it</a>		
	SP-14 10/01/2002 5 . 5 . 0		<a href="#">get it</a>		
	SP-15 25/03/2002 5 . 6 . 0		<a href="#">get it</a>		
	SP-16 04/07/2002 5 . 7 . 0		<a href="#">get it</a>		
	SP-17 17/09/2002 5 . 8 . 0		<a href="#">get it</a>		
<hr/>					
<b>TS 22.079</b>	<b>Support of optimal routing; Stage 1</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-16 19/07/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 22.081</b>	<b>Line Identification supplementary services; Stage 1</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-16 19/07/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-16 19/07/2002 5 . 0 . 0		<a href="#">get it</a>	<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



# 3GPP specification status

Page 32

02 December 2002 20:50:24

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

---

<b>TS 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4		
			remarks - this release:	.		
<hr/>						
<b>TS 22.084</b>	<b>MultiParty (MPTY) supplementary service; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4		
			remarks - this release:	.		
<hr/>						
<b>TS 22.085</b>	<b>Closed User Group (CUG) supplementary services; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4		
			remarks - this release:	.		
<hr/>						
<b>TS 22.086</b>	<b>Advice of Charge (AoC) supplementary services; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4		
			remarks - this release:	.		
<hr/>						
<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BRADEN, Christian	T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael	
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0					
		<a href="#">get it</a>	remarks - general:	Transfer>TSG#4		
			remarks - this release:	.		

---

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

# 3GPP specification status

Page 33

02 December 2002 20:50:24

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

---

<b>TS 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.093</b>	<b>Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>						
<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 <i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 34

02 December 2002 20:50:25

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

---

**TS 22.096 Name identification supplementary services; Stage 1**

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

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

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

---

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

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

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

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

---

**TS 22.101 Service aspects; Service principles**

Rel-5 *current version:* 5.7.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-09 18/10/2000 5 . 0 . 0  
SP-10 08/01/2001 5 . 1 . 0  
SP-11 02/04/2001 5 . 2 . 0  
SP-12 27/06/2001 5 . 3 . 0  
SP-13 05/10/2001 5 . 4 . 0  
SP-15 25/03/2002 5 . 5 . 0  
SP-16 04/07/2002 5 . 6 . 0  
SP-17 17/09/2002 5 . 7 . 0

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

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

---

**TS 22.105 Services and service capabilities**

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

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

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

---

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

# 3GPP specification status

Page 35

02 December 2002 20:50:25

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

---

<b>TS 22.112</b>	<b>USIM toolkit interpreter; Stage 1</b>					
Rel-5	current version: 5.0.0	WG (prime / other): T3 / -	rapporteur: MEYER, Michael	GIESECKE & DEVRIENT GmbH		
	freeze_meeting: TP-15	G: U: yes	MCC: DIETZE, Claus			
	history (event, available, version,					
	TP-13 12/10/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 22.115</b>	<b>Service Aspects Charging and billing</b>					
Rel-5	current version: 5.2.0	WG (prime / other): S1 / -	rapporteur: MONTEGROSSO,	TELECOM ITALIA S.p.A.		
	freeze_meeting: SP-15	G: yes U: yes	Emanuele			
	history (event, available, version,		MCC: CLAYTON, Michael			
	SP-11 02/04/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	SP-12 27/06/2001 5 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	SP-15 28/03/2002 5 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 22.121</b>	<b>Service aspects; The Virtual Home Environment; Stage 1</b>					
Rel-5	current version: 5.3.1	WG (prime / other): S1 / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	freeze_meeting: SP-15	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-11 02/04/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;			
	SP-12 27/06/2001 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: Stage 1". SP-16: converted from TS to TR.			
	SP-14 10/01/2002 5 . 2 . 0	<a href="#">get it</a>				
	SP-15 28/03/2002 5 . 3 . 0	<a href="#">get it</a>				
	SP-16 19/07/2002 5 . 3 . 1	<a href="#">get it</a>				Converted from TS to TR.
<hr/>						
<b>TS 22.127</b>	<b>Service Requirement for the Open Services Access (OSA); Stage 1</b>					
Rel-5	current version: 5.4.0	WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg	SIEMENS AG		
	freeze_meeting: SP-15	G: U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-12 27/06/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	SP-13 05/10/2001 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .			
	edito 09/10/2001 5 . 1 . 1	<a href="#">get it</a>				
	SP-14 10/01/2002 5 . 2 . 0	<a href="#">get it</a>				
	SP-15 29/03/2002 5 . 3 . 0	<a href="#">get it</a>				
	SP-16 04/07/2002 5 . 4 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 36

02 December 2002 20:50:25

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

---

<b>TS 22.129</b>	<b>Handover requirements between UTRAN and GERAN or other radio systems</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SAMPSON, Nick	ORANGE PCS LTD			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-13 05/10/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-14 10/01/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	SP-16 04/07/2002 5 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 22.135</b>	<b>Multicall; Service description; Stage 1</b>						
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,</i>						
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<hr/>							
<b>TS 22.140</b>	<b>Multimedia Messaging Service (MMS); Stage 1</b>						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> LAUMEN, Josef	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-14 10/01/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> (development in T2)				
	SP-15 28/03/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	SP-16 04/07/2002 5 . 2 . 0	<a href="#">get it</a>					
	SP-17 17/09/2002 5 . 3 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 22.226</b>	<b>Global text telephony (GTT); Stage 1: Service description</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	The Swedish Handicap Institute			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-09 27/11/2000 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-16: to "GERAN" set.				
	SP-12 27/06/2001 2 . 0 . 0 SP-010266	<a href="#">get it</a>	<i>remarks - this release:</i> WI approved TSG#7				
	SP-12 27/06/2001 5 . 0 . 0	<a href="#">get it</a>					
	SP-13 05/10/2001 5 . 1 . 0	<a href="#">get it</a>					
	SP-15 28/03/2002 5 . 2 . 0	<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 37

02 December 2002 20:50:26

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

---

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

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

*history (event, available, version,*

SP-09	28/09/2000	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
SP-10	12/01/2001	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> Clayton 2000-10-16: Rel-5 confirmed.
SP-11	02/04/2001	5	.	1	.	0		<a href="#">get it</a>	
SP-12	27/06/2001	5	.	2	.	0		<a href="#">get it</a>	
SP-13	05/10/2001	5	.	3	.	0		<a href="#">get it</a>	
SP-14	10/01/2002	5	.	4	.	0		<a href="#">get it</a>	
SP-15	28/03/2002	5	.	5	.	0		<a href="#">get it</a>	
SP-16	19/07/2002	5	.	6	.	0		<a href="#">get it</a>	

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc  
*freeze\_meeting:* SP-16 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version,*

S1-12		0	.	1	.	0			<i>remarks - general:</i>
S1-13		0	.	2	.	0			<i>remarks - this release:</i> .
S1-14		0	.	3	.	0			
SP-14	02/01/2002	1	.	0	.	0	SP-010733	<a href="#">get it</a>	
SP-15	19/03/2002	2	.	0	.	0	SP-020062	<a href="#">get it</a>	
SP-15	27/03/2002	5	.	0	.	0		<a href="#">get it</a>	

---

**TR 22.928 IP-based multimedia services examples**

Rel-5 *current version:* none *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*freeze\_meeting:* SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 38

02 December 2002 20:50:26

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

---

<b>TR 22.941</b>	<b>IP based multimedia framework; Stage 0</b>								
Rel-5	current version: 0.7.0	DRAFT	WG (prime / other): S1 /	rapporteur: WOHLERT, Randolph	SBC Communications Inc.				
	freeze_meeting: SP-15		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	draft 05/07/2001	0 . 1 . 0							
	SP-12 05/07/2001	0 . 2 . 4	S1-010359, SP-010359 - not seen by SA1.	<a href="#">get it</a>	remarks - general:				
	draft 15/10/2001	0 . 4 . 1		<a href="#">get it</a>	remarks - this release: TP-16: likely to drop out of Rel-5 if no progress soon.				
	SP-14 02/01/2002	0 . 7 . 0	NP-010701 (!)	<a href="#">get it</a>					
<hr/>									
<b>TR 22.944</b>	<b>Service requirements for UE functionality split</b>								
Rel-5	current version: 5.1.0		WG (prime / other): S1 /	rapporteur: GUPTA, Sanjay	MOTOROLA Ltd				
	freeze_meeting: SP-15		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-14 02/01/2002	1 . 0 . 0	SP-010679, SP-020064	<a href="#">get it</a>	remarks - general:				
	SP-15 19/03/2002	2 . 0 . 0	SP-020064	<a href="#">get it</a>	remarks - this release: .				
	SP-15 02/04/2002	5 . 0 . 0	Not fit for SDO publication. Contains many editor's notes.	<a href="#">get it</a>					
	SP-16 04/07/2002	5 . 1 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 22.976</b>	<b>Study on PS domain services and capabilities</b>								
Rel-5	current version: 2.0.0	DRAFT	WG (prime / other): S1 / -	rapporteur: CATALDO, Mark	Openwave Systems (N.I.) Ltd				
	freeze_meeting: SP-15		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-08 28/06/2000	2 . 0 . 0	transferred from Rel-4	<a href="#">get it</a>	remarks - general: Created Jan-00				
					remarks - this release: 2001-12-04: Rel4->Rel-5 (Clayton).				

---

---

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

---

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

# 3GPP specification status

Page 39

02 December 2002 20:50:26

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

<b>TS 23.002</b>	<b>Network architecture</b>					
Rel-5	current version: 5.8.0	WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM		
	freeze_meeting: SP-15	G: yes U: yes	MCC: SULTAN, Alain			
	history (event, available, version,					
	SP-09 18/10/2000	5 . 0 . 0	<a href="#">get it</a>	remarks - general: Transfer>TSG#4,CR at TSG#5		
	SP-10 21/12/2000	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	SP-11 06/04/2001	5 . 2 . 0	<a href="#">get it</a>			
	SP-12 12/07/2001	5 . 3 . 0	<a href="#">get it</a>			
	SP-13 12/10/2001	5 . 4 . 0	<a href="#">get it</a>			
	SP-14 07/01/2002	5 . 5 . 0	<a href="#">get it</a>			
	SP-15 02/04/2002	5 . 6 . 0	<a href="#">get it</a>			
	SP-16 17/06/2002	5 . 7 . 0	<a href="#">get it</a>			
	SP-17 24/09/2002	5 . 8 . 0	<a href="#">get it</a>			
<b>TS 23.003</b>	<b>Numbering, Addressing and Identification</b>					
Rel-5	current version: 5.4.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-12 27/06/2001	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-13 03/10/2001	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .		
	NP-14 11/01/2002	5 . 2 . 0	<a href="#">get it</a>			
	NP-16 21/06/2002	5 . 3 . 0	<a href="#">get it</a>			
	NP-17 17/09/2002	5 . 4 . 0	<a href="#">get it</a>			
<b>TS 23.007</b>	<b>Restoration procedures</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-16 21/06/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		
<b>TS 23.008</b>	<b>Organisation of subscriber data</b>					
Rel-5	current version: 5.2.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG		
	freeze_meeting: NP-15	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-15 28/03/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-16 21/06/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .		
	NP-17 17/09/2002	5 . 2 . 0	<a href="#">get it</a>			

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



# 3GPP specification status

Page 40

02 December 2002 20:50:27

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

---

<b>TS 23.009</b>	<b>Handover procedures</b>					
Rel-5	<i>current version:</i> 5.2.0					
	<i>freeze_meeting:</i> NP-15					
	<i>history (event, available, version,</i>					
	NP-14 08/01/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-16 20/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.	
	NP-17 17/09/2002	5 . 2 . 0	<a href="#">get it</a>			
<hr/>						
<b>TS 23.011</b>	<b>Technical realization of Supplementary Services</b>					
Rel-5	<i>current version:</i> 5.0.0					
	<i>freeze_meeting:</i> NP-15					
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 23.012</b>	<b>Location management procedures</b>					
Rel-5	<i>current version:</i> 5.0.0					
	<i>freeze_meeting:</i> NP-15					
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 23.014</b>	<b>Support of Dual Tone Multi Frequency (DTMF) signalling</b>					
Rel-5	<i>current version:</i> 5.1.0					
	<i>freeze_meeting:</i> NP-15					
	<i>history (event, available, version,</i>					
	NP-16 26/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Should not be in UMTS ????	
	NP-17 17/09/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.	
<hr/>						
<b>TS 23.015</b>	<b>Technical realisation of Operator Determined Barring (ODB)</b>					
Rel-5	<i>current version:</i> 5.0.0					
	<i>freeze_meeting:</i> NP-15					
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	

---

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

# 3GPP specification status

Page 41

02 December 2002 20:50:27

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

---

<b>TS 23.016</b>	<b>Subscriber data management; Stage 2</b>				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-15 28/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-16 21/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	NP-17 17/09/2002 5 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 23.018</b>	<b>Basic Call Handling; Technical realization</b>				
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-12 27/06/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-13 03/10/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	NP-14 16/01/2002 5 . 2 . 0	<a href="#">get it</a>			
	NP-15 28/03/2002 5 . 3 . 0	<a href="#">get it</a>			
	NP-17 17/09/2002 5 . 4 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 23.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRION RODRIGO, Inmaculada	NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 26/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 23.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>				
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	G: yes U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	SP-16 24/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).		
	SP-17 18/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		

---

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

# 3GPP specification status

Page 42

02 December 2002 20:50:27

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

---

## TS 23.038 Alphabets and language-specific information

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-15  
*history (event, available, version,*  
TP-15 21/03/2002 5 . 0 . 0

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

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

---

## TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-15  
*history (event, available, version,*  
TP-16 02/07/2002 5 . 0 . 0

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

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

---

## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.5.1  
*freeze\_meeting:* TP-15  
*history (event, available, version,*  
NP-12 05/07/2001 5 . 0 . 0  
TP-13 03/10/2001 5 . 1 . 0  
TP-14 11/01/2002 5 . 2 . 0  
TP-15 26/03/2002 5 . 3 . 0  
TP-16 05/07/2002 5 . 4 . 0  
TP-17 18/09/2002 5 . 5 . 0  
post TP-17: adds 24/09/2002 5 . 5 . 1  
test vector file

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

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

---

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

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

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

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

---

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

# 3GPP specification status

Page 43

02 December 2002 20:50:27

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

---

<b>TS 23.042</b>	<b>Compression algorithm for SMS</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-16 26/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.048</b>	<b>Security Mechanisms for the (U)SIM application toolkit; Stage 2</b>					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-12 06/07/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	TP-12: replaces 43.048. TP-15: For test spec, see 31.048,		
	TP-13 12/10/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	TP-14 17/01/2002 5 . 2 . 0	<a href="#">get it</a>				
	TP-15 28/03/2002 5 . 3 . 0	<a href="#">get it</a>				
	TP-17 23/09/2002 5 . 4 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / S2	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	No draft.		
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.057</b>	<b>Mobile Execution Environment (MExE); Functional description; Stage 2</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd		
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	TP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.		
	TP-17 18/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

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

# 3GPP specification status

Page 44

02 December 2002 20:50:28

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

<b>TS 23.060</b>	<b>General Packet Radio Service (GPRS) Service description; Stage 2</b>						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DELECKI, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>						
	SP-14 08/01/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 05/04/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	SP-16 17/06/2002 5 . 2 . 0	<a href="#">get it</a>					
	SP-17 02/10/2002 5 . 3 . 0	<a href="#">get it</a>					
<b>TS 23.066</b>	<b>Support of GSM Mobile Number Portability (MNP) stage 2</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-16 24/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5				
			<i>remarks - this release:</i> .				
<b>TS 23.067</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-16 24/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<b>TS 23.072</b>	<b>Call Deflection Supplementary Service; Stage 2</b>						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-16 24/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
<b>TS 23.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2</b>						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>						
	NP-16 17/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#4, CR at TSG#5				
	NP-17 17/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Phase 4.				

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

# 3GPP specification status

Page 45

02 December 2002 20:50:28

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

---

<b>TS 23.079</b>	<b>Support of Optimal Routeing (SOR); Technical realization; Stage 2</b>					
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-15 28/03/2002 5 . 0 . 0 NP-16 21/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
		<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.081</b>	<b>Line Identification supplementary services; Stage 2</b>					
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation		
		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-16 24/06/2002 5 . 0 . 0 NP-17 17/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
		<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation		
		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-16 21/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2</b>					
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-15 28/03/2002 5 . 0 . 0 NP-17 17/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
		<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
		G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-12 27/06/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

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

# 3GPP specification status

Page 46

02 December 2002 20:50:28

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

---

**TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2**

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

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

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

---

**TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2**

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

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

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

---

**TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2**

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

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

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

---

**TS 23.088 Call Barring (CB) Supplementary Service; Stage 2**

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

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

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

---

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

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

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

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

---

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

# 3GPP specification status

Page 47

02 December 2002 20:50:28

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

---

<b>TS 23.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 21/06/2002	5	.	0	.	0			
	NP-17 17/09/2002	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i>	.
<hr/>									
<b>TS 23.093</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
<b>TS 23.094</b>	<b>Follow Me Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.1								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	.	0	.	0			
	post NP-16 edito: 01/07/2002	5	.	0	.	1			
	make fig 5.1								
							<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4. GSM only @TSG#5
							<a href="#">get it</a>	<i>remarks - this release:</i>	.
<hr/>									
<b>TS 23.096</b>	<b>Name Identification Supplementary Service; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
<b>TS 23.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4,CR at TSG#5
								<i>remarks - this release:</i>	.

---

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



# 3GPP specification status

Page 48

02 December 2002 20:50:29

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

---

<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>					
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc		NOKIA Corporation
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> was 23.907	
	SP-12 29/06/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-13 12/10/2001	5 . 2 . 0		<a href="#">get it</a>		
	SP-14 07/01/2002	5 . 3 . 0		<a href="#">get it</a>		
	SP-15 07/04/2002	5 . 4 . 0		<a href="#">get it</a>		
	SP-16 17/06/2002	5 . 5 . 0		<a href="#">get it</a>		
	SP-17 24/09/2002	5 . 6 . 0		<a href="#">get it</a>		

---

<b>TS 23.108</b>	<b>Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis		MOTOROLA GmbH
	<i>freeze_meeting:</i> NP-16		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-16 28/06/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.	
					<i>remarks - this release:</i> 2002-04-15: N1-23 decision to continue to Rel-5.	

---

<b>TS 23.116</b>	<b>Super-Charger technical realization; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> NP-15		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5	
					<i>remarks - this release:</i> .	

---

<b>TS 23.119</b>	<b>Gateway Location Register (GLR); Stage2</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro		NTT DoCoMo Inc.
	<i>freeze_meeting:</i> NP-15		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002	5 . 0 . 0		<a href="#">get it</a>	<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

# 3GPP specification status

Page 49

02 December 2002 20:50:29

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

---

<b>TS 23.122</b>	<b>Non-Access-Stratum functions related to Mobile Station (MS) in idle mode</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	U: yes	<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-17 17/09/2002	5	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.		
<hr/>									
<b>TS 23.127</b>	<b>Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	GOURRAUD,	ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-14 07/01/2002	5	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>	Sept 00: "Open Service Architecture" removed from title.		
	SP-15 05/04/2002	5	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	SP-16 17/06/2002	5	. 2	. 0	<a href="#">get it</a>				
<hr/>									
<b>TS 23.135</b>	<b>Multicall supplementary service; Stage 2</b>								
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>	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
						<i>remarks - this release:</i>	.		
<hr/>									
<b>TS 23.140</b>	<b>Multimedia Messaging Service (MMS); Functional description; Stage 2</b>								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	LAUMEN, Josef	SIEMENS AG			
	<i>freeze_meeting:</i> TP-15	<i>G:</i>	yes U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-13 05/10/2001	5	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	TP-14 11/01/2002	5	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i>	2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available.		
	TP-15 29/03/2002	5	. 2	. 0	<a href="#">get it</a>				
	TP-16 05/07/2002	5	. 3	. 0	<a href="#">get it</a>	Schema delivered 2002-07-07 (uploaded -19) to <a href="http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1">http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1</a>			
	TP-17 30/09/2002	5	. 4	. 0	<a href="#">get it</a>	Schema v1.1 uploaded 2002-11-14			

---

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

# 3GPP specification status

Page 50

02 December 2002 20:50:29

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

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

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

## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5  
NP-16 21/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-17 18/09/2002 5 . 2 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G:* U: yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
draft 18/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*  
NP-16 25/06/2002 2 . 0 . 0 NP-020168 [get it](#) *remarks - this release:* .  
NP-16 28/06/2002 5 . 0 . 0 [get it](#)

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* GARCIA-MENDIVE, Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* Elena  
KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-14 10/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.  
NP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-16 21/06/2002 5 . 2 . 0 [get it](#)  
NP-17 18/09/2002 5 . 3 . 0 [get it](#)

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

# 3GPP specification status

Page 51

02 December 2002 20:50:29

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

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

Rel-5 *current version:* 5.5.0 *freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-12 2 . 0 . 0 SP-010337  
SP-12 02/07/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
SP-13 15/10/2001 5 . 1 . 0 [get it](#) *remarks - this release: .*  
SP-14 07/01/2002 5 . 2 . 0 [get it](#)  
SP-15 05/04/2002 5 . 3 . 0 [get it](#)  
SP-16 18/06/2002 5 . 4 . 0 [get it](#)  
SP-17 24/09/2002 5 . 5 . 0 [get it](#)

WG (prime / other): S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.  
G: yes U: yes *MCC:* SULTAN, Alain

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

Rel-5 *current version:* 5.2.0 *freeze\_meeting:* NP-15  
*history (event, available, version,*  
draft 30/03/2001 0 . 5 . 0 [get it](#) *remarks - general:*  
draft 20/08/2001 0 . 5 . 2 [get it](#) *remarks - this release: .*  
draft 11/09/2001 0 . 6 . 0 [get it](#)  
draft 10/10/2001 0 . 7 . 0 [get it](#)  
draft 05/11/2001 0 . 8 . 0 [get it](#)  
draft 19/11/2001 0 . 9 . 0 [get it](#)  
NP-14 05/12/2001 1 . 0 . 0 NP-010640 [get it](#)  
draft 22/01/2002 1 . 1 . 0 [get it](#)  
draft 06/02/2002 1 . 2 . 0 [get it](#)  
draft 26/02/2002 2 . 0 . 0 [get it](#)  
NP-15 19/03/2002 2 . 0 . 1 NP-020047 [get it](#)  
NP-15 19/03/2002 5 . 0 . 0 [get it](#)  
NP-16 25/06/2002 5 . 1 . 0 [get it](#)  
NP-17 17/09/2002 5 . 2 . 0 [get it](#)

WG (prime / other): N1 / - *rapporteur:* ALLEN, Andrew dynamicsoft Inc.  
G: yes U: yes *MCC:* JORGENSEN, Per Johan

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

# 3GPP specification status

Page 52

02 December 2002 20:50:30

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

---

## TS 23.221 Architectural requirements

Rel-5 *current version:* 5.6.0

*freeze\_meeting:* SP-15

*history (event, available, version,*

SP-11	06/04/2001	5	.	0	.	0
SP-12	02/07/2001	5	.	1	.	0
SP-13	12/10/2001	5	.	2	.	0
SP-14	07/01/2002	5	.	3	.	0
SP-15	05/04/2002	5	.	4	.	0
SP-16	18/06/2002	5	.	5	.	0
SP-17	02/10/2002	5	.	6	.	0

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

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

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

Rel-5 *current version:* 5.2.0

*freeze\_meeting:* NP-15

*history (event, available, version,*

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

*WG (prime / other):* S2 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*G: yes U: yes* *MCC:* SULTAN, Alain

*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

*history (event, available, version,*

TP-14	11/01/2002	5	.	0	.	0
TP-15	26/03/2002	5	.	1	.	0

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

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

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

---

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

# 3GPP specification status

Page 53

02 December 2002 20:50:30

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

## TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5 *current version:* 5.6.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*

draft	30/11/2000	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
SP-10	10/01/2001	1	.	4	.	0	SP-000598	<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: No IMS support in Rel-5.
draft	06/02/2001	1	.	7	.	0		<a href="#">get it</a>	
SP-11	06/04/2001	5	.	0	.	0		<a href="#">get it</a>	
SP-12	02/07/2001	5	.	1	.	0		<a href="#">get it</a>	
SP-13	17/10/2001	5	.	2	.	0		<a href="#">get it</a>	
repair of lost figures		5	.	2	.	1			
SP-14	04/01/2002	5	.	3	.	0		<a href="#">get it</a>	
SP-15	08/04/2002	5	.	4	.	0		<a href="#">get it</a>	
edito post SP-15	12/04/2002	5	.	4	.	1		<a href="#">get it</a>	
SP-16	17/06/2002	5	.	5	.	0		<a href="#">get it</a>	
SP-17	30/09/2002	5	.	6	.	0		<a href="#">get it</a>	

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

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

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*

SP-12	12/07/2001	1	.	0	.	0	SP-010338	<a href="#">get it</a>	<i>remarks - general:</i>
draft	16/08/2001	1	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
SP-13	01/10/2001	2	.	0	.	0	SP-010507	<a href="#">get it</a>	
SP-13		2	.	1	.	0	not made available		
SP-13	15/10/2001	5	.	0	.	0		<a href="#">get it</a>	
SP-14	07/01/2002	5	.	1	.	0		<a href="#">get it</a>	
SP-15	05/04/2002	5	.	2	.	0		<a href="#">get it</a>	

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

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

Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*history (event, available, version,*

*remarks - general:* Cf work item 'Generic user profile'  
*remarks - this release:* SP-17: anticipate 1.0.0 at SP-18, 2.0.0 at SP-19.

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

# 3GPP specification status

Page 54

02 December 2002 20:50:30

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

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

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-13 15/10/2001 5 . 0 . 0  
SP-14 07/01/2002 5 . 1 . 0  
SP-15 29/03/2002 5 . 2 . 0  
SP-16 18/06/2002 5 . 3 . 0  
SP-17 24/09/2002 5 . 4 . 0

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

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

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-18  
*history (event, available, version,*  
NP-14 02/01/2002 1 . 0 . 0 NP-010586  
NP-15 19/03/2002 1 . 1 . 0 NP-020059  
NP-16 26/06/2002 2 . 0 . 0 NP-020207 - not approved  
NP-17 24/09/2002 2 . 1 . 0 NP-020348  
NP-17 17/09/2002 5 . 0 . 0

*WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies  
*G:* yes *U:* yes *MCC:* JURISIC, Andrijana

[get it](#) *remarks - general:* 2001-10-26: renumbered from 23.178.  
[get it](#) *remarks - this release:* Was briefly 23.178. CAMEL Phase 4.  
[get it](#)  
[get it](#)

## TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
draft 0 . 0 . 0 2001-08  
S2-19 0 . 1 . 0 2001-10  
S2-20 20/11/2001 0 . 2 . 0  
S2-21 04/12/2001 0 . 3 . 0  
SP-14 11/01/2002 1 . 0 . 0 SP-010718  
SP-15 19/03/2002 2 . 0 . 0 SP-020144  
SP-15 05/04/2002 5 . 0 . 0

*WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG  
*G:* yes *U:* yes *MCC:* SULTAN, Alain

*remarks - general:* Was 23.915.  
*remarks - this release:* 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

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

# 3GPP specification status

Page 55

02 December 2002 20:50:31

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

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

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



# 3GPP specification status

Page 56

02 December 2002 20:50:31

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

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

---

<b>TS 24.002</b>	<b>GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, NP-16 28/06/2002 5 . 0 . 0	G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
		<a href="#">get it</a>		remarks - general:					
				remarks - this release:					
<hr/>									
<b>TS 24.007</b>	<b>Mobile radio interface signalling layer 3; General Aspects</b>								
Rel-5	current version: 5.1.0 freeze_meeting: NP-15	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0 NP-17 17/09/2002 5 . 1 . 0	G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
		<a href="#">get it</a>		remarks - general:	Transfer>TSG#4,CR at TSG#5				
		<a href="#">get it</a>		remarks - this release:					
<hr/>									
<b>TS 24.008</b>	<b>Mobile radio interface Layer 3 specification; Core network protocols; Stage 3</b>								
Rel-5	current version: 5.5.0 freeze_meeting: NP-15	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	history (event, available, version, NP-12 13/07/2001 5 . 0 . 0 NP-13 05/10/2001 5 . 1 . 0 NP-14 10/01/2002 5 . 2 . 0 NP-15 21/03/2002 5 . 3 . 0 NP-16 24/06/2002 5 . 4 . 0 NP-17 17/09/2002 5 . 5 . 0	G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
		<a href="#">get it</a>		remarks - general:	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to				
		<a href="#">get it</a>		remarks - this release:	. be resolved till Jun00.				
		<a href="#">get it</a>							
		<a href="#">get it</a>							
		<a href="#">get it</a>							
		<a href="#">get it</a>							
<hr/>									
<b>TS 24.010</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
		<a href="#">get it</a>		remarks - general:					
				remarks - this release:					

---

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

# 3GPP specification status

Page 57

02 December 2002 20:50:31

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

---

<b>TS 24.011</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>						
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / T2	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
	history (event, available, version, NP-16 28/06/2002 5 . 0 . 0	G: yes U: yes	MCC: JORGENSEN, Per Johan				
		<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
			remarks - this release: .				
<hr/>							
<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and tele services</b>						
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N3 / -	rapporteur: KLEHN, Norbert	SIEMENS AG			
	history (event, available, version, NP-14 16/01/2002 5 . 0 . 0	G: yes U: yes	MCC: BOSWARTHICK, David				
		<a href="#">get it</a>	remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link				
			remarks - this release: . Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and				
			the Base Station System - Mobile-services Switching Centre (BSS-MS)				
<hr/>							
<b>TS 24.030</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>						
Rel-5	current version: 5.1.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)			
	history (event, available, version, NP-15 28/03/2002 5 . 0 . 0 NP-16 21/06/2002 5 . 1 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo				
		<a href="#">get it</a>	remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.				
		<a href="#">get it</a>	remarks - this release: .				
<hr/>							
<b>TS 24.067</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>						
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG			
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo				
		<a href="#">get it</a>	remarks - general:				
			remarks - this release: .				
<hr/>							
<b>TS 24.072</b>	<b>Call Deflection Supplementary Service; Stage 3</b>						
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG			
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo				
		<a href="#">get it</a>	remarks - general:				
			remarks - this release: .				

---

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

# 3GPP specification status

Page 58

02 December 2002 20:50:32

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

---

<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	NP-16 21/06/2002 5 . 1 . 0					<i>remarks - this release:</i> .
	NP-17 18/09/2002 5 . 2 . 0				<a href="#">get it</a>	
					<a href="#">get it</a>	
<hr/>						
<b>TS 24.081</b>	<b>Line Identification Supplementary Service; Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 24.082</b>	<b>Call Forwarding supplementary service; Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 25/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 24.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 25/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 24.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 3</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 25/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
						<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 59

02 December 2002 20:50:32

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

---

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

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

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

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

---

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

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

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

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

---

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

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

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

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

---

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

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

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

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

---

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

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

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

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

---

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

# 3GPP specification status

Page 60

02 December 2002 20:50:32

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

---

**TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3**

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

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

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

---

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

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

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

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

---

**TS 24.096 Name Identification Supplementary Service; Stage 3**

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

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

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

---

**TS 24.135 Multicall supplementary service; Stage 3**

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

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

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

---

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

# 3GPP specification status

Page 61

02 December 2002 20:50:32

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

---

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

Rel-5	current version: 5.2.0	WG (prime / other):	N1 / -	rapporteur:	KISS, Krisztian	NOKIA Corporation
	freeze_meeting: NP-16	G: yes U: yes		MCC:	JORGENSEN, Per Johan	
history (event, available, version,						
NP-10	05/01/2001	0 . 1 . 0	N1-001114->1378 (NP-000683)	<a href="#">get it</a>	remarks - general:	
draft	26/03/2001	0 . 4 . 0		<a href="#">get it</a>	remarks - this release:	
draft	18/04/2001	0 . 5 . 0		<a href="#">get it</a>		
draft		1 . 0 . 0	N1-17			
NP-12	26/06/2001	1 . 0 . 0	NP-010278	<a href="#">get it</a>		
draft	26/06/2001	1 . 1 . 0	N1-010944	<a href="#">get it</a>		
draft	01/08/2001	1 . 2 . 0	N1-011230	<a href="#">get it</a>		
draft	11/09/2001	1 . 3 . 0	N1-011363	<a href="#">get it</a>		
draft	14/09/2001	1 . 4 . 0	N1-011364	<a href="#">get it</a>		
draft	05/10/2001	1 . 5 . 0	N1-011496	<a href="#">get it</a>		
draft	24/10/2001	1 . 6 . 0	N1-011706	<a href="#">get it</a>		
draft	19/11/2001	1 . 7 . 0		<a href="#">get it</a>		
NP-14	04/12/2001	1 . 8 . 0	NP-010641	<a href="#">get it</a>		
draft	22/01/2002	1 . 9 . 0		<a href="#">get it</a>		
draft	06/02/2002	1 . 10 . 0		<a href="#">get it</a>		
draft	26/02/2002	2 . 0 . 0		<a href="#">get it</a>		
draft	26/02/2002	2 . 0 . 1		<a href="#">get it</a>		
NP-15	19/03/2002	2 . 0 . 2	NP-020048	<a href="#">get it</a>		
NP-15	19/03/2002	5 . 0 . 0	not yet frozen	<a href="#">get it</a>		
NP-16	16/07/2002	5 . 1 . 0	Enormous CRs to create this version; take several man.weeks to accomplish	<a href="#">get it</a>		
NP-17	17/09/2002	5 . 2 . 0		<a href="#">get it</a>		

---

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

# 3GPP specification status

Page 62

02 December 2002 20:50:33

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*

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

Rel-5

25 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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

# 3GPP specification status

Page 63

02 December 2002 20:50:33

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

## TS 25.101 UE Radio transmission and reception (FDD)

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-13 03/10/2001 5 . 0 . 0  
RP-14 14/01/2002 5 . 1 . 0  
RP-15 29/03/2002 5 . 2 . 0  
RP-16 01/07/2002 5 . 3 . 0  
RP-17 04/10/2002 5 . 4 . 0

*WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

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

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0  
editor post RP-15 15/04/2002 5 . 0 . 1 Fixes change history table entry.  
RP-16 01/07/2002 5 . 1 . 0  
RP-17 02/10/2002 5 . 2 . 0

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

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

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

Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-13 03/10/2001 5 . 0 . 0  
RP-14 14/01/2002 5 . 1 . 0  
RP-15 29/03/2002 5 . 2 . 0  
RP-16 01/07/2002 5 . 3 . 0  
RP-17 02/10/2002 5 . 4 . 0

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

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

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

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0  
RP-16 01/07/2002 5 . 1 . 0  
RP-17 02/10/2002 5 . 2 . 0

*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](#)

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



# 3GPP specification status

Page 64

02 December 2002 20:50:33

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

---

<b>TS 25.106</b>	<b>UTRA Repeater; Radio transmission and reception</b>								
Rel-5	current version: 5.2.0	WG (prime / other):	R4 / -	rapporteur:	NILSSON, Martin	Indicate persons who left Company and wait for new			
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar	One			
	history (event, available, version,								
	RP-15 29/03/2002			<a href="#">get it</a>	remarks - general:				
	RP-16 01/07/2002			<a href="#">get it</a>	remarks - this release: .				
	RP-17 02/10/2002			<a href="#">get it</a>					
<hr/>									
<b>TS 25.113</b>	<b>Base station and repeater electromagnetic compatibility (EMC)</b>								
Rel-5	current version: 5.2.0	WG (prime / other):	R4 / -	rapporteur:	BARNES, David	DTI - Department of Trade and Industry			
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-15 02/04/2002			<a href="#">get it</a>	remarks - general:				
	edito 19/04/2002			<a href="#">get it</a>	remarks - this release: .				
	RP-16 01/07/2002			<a href="#">get it</a>					
	RP-17 02/10/2002			<a href="#">get it</a>					
<hr/>									
<b>TS 25.123</b>	<b>Requirements for support of radio resource management (TDD)</b>								
Rel-5	current version: 5.2.0	WG (prime / other):	R4 / -	rapporteur:	GUERRINI, Claudio	TELECOM ITALIA S.p.A.			
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-15 29/03/2002			<a href="#">get it</a>	remarks - general:				
	RP-16 03/07/2002			<a href="#">get it</a>	remarks - this release: .				
	RP-17 10/10/2002			<a href="#">get it</a>					
<hr/>									
<b>TS 25.133</b>	<b>Requirements for support of radio resource management (FDD)</b>								
Rel-5	current version: 5.4.0	WG (prime / other):	R4 / -	rapporteur:	GUERRINI, Claudio	TELECOM ITALIA S.p.A.			
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-13 10/10/2001			<a href="#">get it</a>	remarks - general:				
	RP-14 17/01/2002			<a href="#">get it</a>	remarks - this release: .				
	RP-15 29/03/2002			<a href="#">get it</a>					
	RP-16 04/07/2002			<a href="#">get it</a>					
	RP-17 04/10/2002			<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 65

02 December 2002 20:50:34

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

---

<b>TS 25.141</b>	<b>Base station conformance testing (FDD)</b>								
Rel-5	<i>current version:</i> 5.4.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NAKAMURA, Takaharu Fujitsu Limited				
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-13	03/10/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-14	16/01/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-15	02/04/2002	5 . 2 . 0	<a href="#">get it</a>					
	RP-16	04/07/2002	5 . 3 . 0	<a href="#">get it</a>					
edito post	RP-16	19/07/2002	5 . 3 . 1	<a href="#">get it</a>	eliminate duplicate clause numbers				
	RP-17	04/10/2002	5 . 4 . 0	<a href="#">get it</a>					
<hr/>									
<b>TS 25.142</b>	<b>Base station conformance testing (TDD)</b>								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> MEYER, Juergen SIEMENS AG				
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-15	29/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16	04/07/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-17	04/10/2002	5 . 2 . 0	<a href="#">get it</a>					
<hr/>									
<b>TS 25.143</b>	<b>UTRA repeater; Conformance testing</b>								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> KUMMETZ, Thomas MIKOM GmbH - Mikrotechnik zur Kommunikation				
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-15	19/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Created by renumbering 25.107				
	RP-16	03/07/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-17	02/10/2002	5 . 2 . 0	<a href="#">get it</a>					
<hr/>									
<b>TS 25.201</b>	<b>Physical layer - general description</b>								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti NOKIA Corporation				
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-15	29/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16	28/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-17	27/09/2002	5 . 2 . 0	<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 66

02 December 2002 20:50:34

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

---

<b>TS 25.211</b>	<b>Physical channels and mapping of transport channels onto physical channels (FDD)</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-17 27/09/2002 5 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 25.212</b>	<b>Multiplexing and channel coding (FDD)</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-17 27/09/2002 5 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 25.213</b>	<b>Spreading and modulation (FDD)</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-17 27/09/2002 5 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 25.214</b>	<b>Physical layer procedures (FDD)</b>						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	RP-17 27/09/2002 5 . 2 . 0	<a href="#">get it</a>					
<hr/>							
<b>TS 25.215</b>	<b>Physical layer; Measurements (FDD)</b>						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation			
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-17 27/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .				

---

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

# 3GPP specification status

Page 67

02 December 2002 20:50:34

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

---

**TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)**  
Rel-5 *current version:* 5.2.0 *WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Matsushita Communication Industrial Co, Ltd  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-17 27/09/2002 5 . 2 . 0 [get it](#)

---

**TS 25.222 Multiplexing and channel coding (TDD)**  
Rel-5 *current version:* 5.2.1 *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-17 27/09/2002 5 . 2 . 0 [get it](#)  
editorial to correct 22/10/2002 5 . 2 . 1 [get it](#)  
clause numbers

---

**TS 25.223 Spreading and modulation (TDD)**  
Rel-5 *current version:* 5.1.0 *WG (prime / other):* R1 / - *rapporteur:* VACANT,  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

---

**TS 25.224 Physical layer procedures (TDD)**  
Rel-5 *current version:* 5.2.1 *WG (prime / other):* R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG  
*freeze\_meeting:* RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version,*  
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
RP-17 27/09/2002 5 . 2 . 0 [get it](#)  
editorial to correct 22/10/2002 5 . 2 . 1 [get it](#)  
clause numbers

---

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

# 3GPP specification status

Page 68

02 December 2002 20:50:35

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

---

<b>TS 25.225</b>	<b>Physical layer; Measurements (TDD)</b>						
Rel-5	<i>current version:</i> 5.2.0	WG ( <i>prime / other</i> ):	R1 / -	<i>rapporteur:</i>	IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002			<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-16 28/06/2002			<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-17 27/09/2002			<a href="#">get it</a>			
<hr/>							
<b>TS 25.301</b>	<b>Radio Interface Protocol Architecture</b>						
Rel-5	<i>current version:</i> 5.2.0	WG ( <i>prime / other</i> ):	R2 / -	<i>rapporteur:</i>	GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002			<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-16 17/06/2002			<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-17 18/09/2002			<a href="#">get it</a>			
<hr/>							
<b>TS 25.302</b>	<b>Services provided by the physical layer</b>						
Rel-5	<i>current version:</i> 5.2.0	WG ( <i>prime / other</i> ):	R2 / -	<i>rapporteur:</i>	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002			<a href="#">get it</a>	<i>remarks - general:</i>	V3.0.0 approved via e-mail July 99 CR at TSG#5?	
	RP-16 17/06/2002			<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-17 18/09/2002			<a href="#">get it</a>			
<hr/>							
<b>TS 25.303</b>	<b>Interlayer procedures in Connected Mode</b>						
Rel-5	<i>current version:</i> 5.1.0	WG ( <i>prime / other</i> ):	R2 / -	<i>rapporteur:</i>	RINNE, Mikko J	Nokia Research Center	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002			<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-16 17/06/2002			<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>							
<b>TS 25.304</b>	<b>UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode</b>						
Rel-5	<i>current version:</i> 5.1.0	WG ( <i>prime / other</i> ):	R2 / -	<i>rapporteur:</i>	MAHKONEN, Marko	NOKIA Corporation	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude		
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002			<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-16 17/06/2002			<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>							

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

# 3GPP specification status

Page 69

02 December 2002 20:50:35

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

---

<b>TS 25.305</b>	<b>User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2</b>								
Rel-5	current version: 5.4.0	WG (prime / other):	R2 / -	rapporteur:	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude				
	history (event, available, version,								
	RP-11	27/03/2001	5 . 0 . 0						
	RP-12	19/06/2001	5 . 1 . 0	<a href="#">get it</a>	remarks - general:	Created from 25.923			
	RP-13	02/10/2001	5 . 2 . 0	<a href="#">get it</a>	remarks - this release:				
	RP-14	04/01/2002	5 . 3 . 0	<a href="#">get it</a>					
	RP-15	19/03/2002	5 . 4 . 0	<a href="#">get it</a>					

---

<b>TS 25.306</b>	<b>UE Radio Access capabilities definition</b>								
Rel-5	current version: 5.2.0	WG (prime / other):	R2 / -	rapporteur:	BERGGREN, Anders	Ericsson Incorporated			
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude				
	history (event, available, version,								
	RP-15	19/03/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	Converted from TR 25.926 at TSG#10.			
	RP-16	17/06/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release:	.			
	RP-17	18/09/2002	5 . 2 . 0	<a href="#">get it</a>					

---

<b>TS 25.307</b>	<b>Requirements on UEs supporting a release-independent frequency band</b>								
Rel-5	current version: 5.0.0	WG (prime / other):	R2 / R4	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude				
	history (event, available, version,								
	RP-15	19/03/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	Release independent! - sort of. RP-13: responsibility: R2 = signalling			
					remarks - this release:	Expect continual updates each time a new band is allowed. requirements, R4 = RF &			

RMM requirements.

---

<b>TS 25.308</b>	<b>UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2</b>								
Rel-5	current version: 5.2.0	WG (prime / other):	R2 /	rapporteur:	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude				
	history (event, available, version,								
	RP-13	01/10/2001	0 . 1 . 0	RP-010643 for approval	<a href="#">get it</a>	remarks - general:	TS created from entrails of TR 25.855.		
	RP-13	02/10/2001	5 . 0 . 0		<a href="#">get it</a>	remarks - this release:	.		
	RP-14	04/01/2002	5 . 1 . 0		<a href="#">get it</a>				
	RP-15	21/03/2002	5 . 2 . 0		<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 70

02 December 2002 20:50:35

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

## TS 25.321 Medium Access Control (MAC) protocol specification

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

WG (prime / other): R2 / - *rapporteur:* GESSNER, Christina SIEMENS AG  
G: U: yes *MCC:* ARZELIER, Claude  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: .*  
[get it](#)

## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-5 *current version: 5.2.0*  
*freeze\_meeting: RP-15*  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0  
RP-16 17/06/2002 5 . 1 . 0  
RP-17 19/09/2002 5 . 2 . 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](#)

## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

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

WG (prime / other): R2 / - *rapporteur:* HANS, Martin SIEMENS AG  
G: U: yes *MCC:* ARZELIER, Claude  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: .*  
[get it](#)

## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-5 *current version: 5.1.0*  
*freeze\_meeting: RP-15*  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0  
RP-16 17/06/2002 5 . 1 . 0

WG (prime / other): R2 / - *rapporteur:* HARTL, Mike Vodafone D2 GmbH  
G: U: yes *MCC:* ARZELIER, Claude  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: .*

## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-5 *current version: 5.2.0*  
*freeze\_meeting: RP-15*  
*history (event, available, version,*  
RP-15 04/04/2002 5 . 0 . 0  
RP-16 21/06/2002 5 . 1 . 0  
RP-17 01/10/2002 5 . 2 . 0

WG (prime / other): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
G: U: yes *MCC:* ARZELIER, Claude  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: .*  
[get it](#)

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

# 3GPP specification status

Page 71

02 December 2002 20:50:36

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

---

<b>TS 25.401</b>	<b>UTRAN Overall Description</b>					
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	RP-12 06/07/2001	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Approval at TSG#5	
	RP-13 12/10/2001	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	
	RP-15 02/04/2002	5 . 2 . 0		<a href="#">get it</a>		
	RP-16 28/06/2002	5 . 3 . 0		<a href="#">get it</a>		
	RP-17 30/09/2002	5 . 4 . 0		<a href="#">get it</a>		

---

<b>TS 25.402</b>	<b>Synchronisation in UTRAN Stage 2</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> New	
	RP-16 28/06/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	

---

<b>TS 25.410</b>	<b>UTRAN Iu Interface: General Aspects and Principles</b>					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard		mm02 plc
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Approval at TSG#5	
	RP-16 28/06/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	
	RP-17 30/09/2002	5 . 2 . 0		<a href="#">get it</a>		

---

<b>TS 25.411</b>	<b>UTRAN Iu interface layer 1</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.		SIEMENS AG
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	

---

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



# 3GPP specification status

Page 72

02 December 2002 20:50:36

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

---

<b>TS 25.411</b>	<b>UTRAN Iu interface layer 1</b>							
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>							
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>								
<b>TS 25.412</b>	<b>UTRAN Iu interface signalling transport</b>							
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited			
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>							
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-17 30/09/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>								
<b>TS 25.413</b>	<b>UTRAN Iu interface RANAP signalling</b>							
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> JUSSILA, Jyrki	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>							
	RP-15 02/04/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 05/07/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .			
	RP-17 11/10/2002	5 . 2 . 0		<a href="#">get it</a>				
<hr/>								
<b>TS 25.414</b>	<b>UTRAN Iu interface data transport &amp; transport signalling</b>							
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> COMSTOCK, David	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>							
	RP-15 02/04/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 28/06/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .			
	RP-17 30/09/2002	5 . 2 . 0		<a href="#">get it</a>				
<hr/>								
<b>TS 25.415</b>	<b>UTRAN Iu interface user plane protocols</b>							
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MAUPIN, Alain	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>							
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 28/06/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .			
	RP-17 30/09/2002	5 . 2 . 0		<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 73

02 December 2002 20:50:36

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

---

<b>TS 25.419</b>	<b>UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	TP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	RP-17 03/10/2002 5 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 25.420</b>	<b>UTRAN Iur Interface: General Aspects and Principles</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-17 03/10/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 25.421</b>	<b>UTRAN Iur interface Layer 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	TP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 25.422</b>	<b>UTRAN Iur interface signalling transport</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-17 03/10/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 25.423</b>	<b>UTRAN Iur interface RNSAP signalling</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RUNE, Göran	Ericsson AB		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-16 19/07/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	PCG post RP-16 06/08/2002 5 . 2 . 0	<a href="#">get it</a>				CRs needs PCG approval.
	RP-17 11/10/2002 5 . 3 . 0	<a href="#">get it</a>				One CR endorsed by PCG

---

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

# 3GPP specification status

Page 74

02 December 2002 20:50:37

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

---

<b>TS 25.424</b>	<b>UTRAN Iur interface data transport &amp; transport signalling for CCH data streams</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	RP-16 28/06/2002	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>									
<b>TS 25.425</b>	<b>UTRAN Iur interface user plane protocols for CCH data streams</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	RP-16 28/06/2002	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	RP-17 03/10/2002	5	.	2	.	0		<a href="#">get it</a>	
<hr/>									
<b>TS 25.426</b>	<b>UTRAN Iur and Iub interface data transport &amp; transport signalling for DCH data streams</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	KEKKI, Sami	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	RP-16 28/06/2002	5	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> .
	RP-17 03/10/2002	5	.	2	.	0		<a href="#">get it</a>	
<hr/>									
<b>TS 25.427</b>	<b>UTRAN Iur and Iub interface user plane protocols for DCH data streams</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 75

02 December 2002 20:50:37

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

## TS 25.430 UTRAN lub Interface: General Aspects and Principles

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 25/03/2002 5 . 0 . 0  
edito post RP-15 5 . 0 . 1 not produced  
RP-16 28/06/2002 5 . 1 . 0 To include CR029r2 from RP-15 which  
was forgotten in v5.0.0.  
RP-17 03/10/2002 5 . 2 . 0

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

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

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

## TS 25.431 UTRAN lub interface Layer 1

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 25/03/2002 5 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V.  
*G:* *U:* yes *MCC:* KRAUSE, Joern SIEMENS AG

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

## TS 25.432 UTRAN lub interface: signalling transport

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 25/03/2002 5 . 0 . 0  
edito post RP-15 03/04/2002 5 . 0 . 1  
RP-17 03/10/2002 5 . 1 . 0

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

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

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

## TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 *current version:* 5.2.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 04/04/2002 5 . 0 . 0  
RP-16 19/07/2002 5 . 1 . 0  
RP-17 11/10/2002 5 . 2 . 0

*WG (prime / other):* R3 / - *rapporteur:* ISHIKAWA, Nobutaka  
*G:* *U:* yes *MCC:* KRAUSE, Joern NTT DoCoMo Inc

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

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

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

# 3GPP specification status

Page 76

02 December 2002 20:50:37

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

---

<b>TS 25.434</b>	<b>UTRAN lub interface data transport &amp; transport signalling for CCH data streams</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	ALDEN, Magnus	TELIA AB		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-15	02/04/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	RP-16	28/06/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>									
<b>TS 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-15	02/04/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	RP-16	28/06/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	RP-17	03/10/2002	5	.	2	.	0	<a href="#">get it</a>	
<hr/>									
<b>TS 25.442</b>	<b>UTRAN implementation-specific O&amp;M transport</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	RECKER, Stephan	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-15	28/03/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	edito post RP-15		5	.	0	.	1		(not supplied - use v5.0.0)
	RP-17	03/10/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>									
<b>TS 25.450</b>	<b>UTRAN lupc interface general aspects and principles</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3	/	<i>rapporteur:</i>	LIN, le-Hong	Qualcomm Inc		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>U: yes</i>	<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-12		2	.	0	.	0		RP-010400
	RP-12	05/07/2001	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	RP-14	11/01/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 77

02 December 2002 20:50:37

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

---

**TS 25.451 UTRAN Iupc interface layer 1**  
 Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
 RP-12 2 . 0 . 0 RP-010401  
 RP-12 05/07/2001 5 . 0 . 0  
 correction to 24/04/2002 5 . 0 . 1  
 history table

*WG (prime / other):* R3 / *rapporteur:* LIN, Ie-Hong  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
 Qualcomm Inc

*remarks - general:*  
*remarks - this release:* .

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

---

**TS 25.452 UTRAN Iupc interface signalling transport**  
 Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
 RP-13 26/09/2001 2 . 0 . 0 RP-010640  
 RP-13 12/10/2001 5 . 0 . 0

*WG (prime / other):* R3 / *rapporteur:* LIN, Ie-Hong  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
 Qualcomm Inc

*remarks - general:*  
*remarks - this release:* .

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

---

**TS 25.453 UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling**  
 Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
 RP-12 2 . 0 . 0 RP-010402  
 RP-12 05/07/2001 5 . 0 . 0  
 RP-13 12/10/2001 5 . 1 . 0  
 RP-14 11/01/2002 5 . 2 . 0  
 RP-15 25/03/2002 5 . 3 . 0  
 RP-16 28/06/2002 5 . 4 . 0

*WG (prime / other):* R3 / *rapporteur:* LIN, Ie-Hong  
*G:* *U:* yes *MCC:* KRAUSE, Joern  
 Qualcomm Inc

*remarks - general:*  
*remarks - this release:* .

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

---

**TR 25.854 Uplink Synchronous Transmission Scheme (USTS)**  
 Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
 RP-13 01/10/2001 1 . 0 . 0 RP-010647  
 RP-11 05/04/2001 1 . 0 . 0 RP-010428 at RP-12  
 RP-14 02/01/2002 2 . 0 . 0 RP-010826  
 RP-14 11/01/2002 5 . 0 . 0

*WG (prime / other):* R1 / *rapporteur:* KIM, Duk Kyung  
*G:* *U:* yes *MCC:* SASAKI, Tsukasa  
 SK TELECOM

*remarks - general:*  
*remarks - this release:*

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

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

# 3GPP specification status

Page 78

02 December 2002 20:50:38

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

---

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

Rel-5 *current version:* none  
*freeze\_meeting:* RP-15  
*history (event, available, version,*

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

MOTOROLA Ltd

*remarks - general:*  
*remarks - this release:* .

---

**TR 25.857 UE positioning enhancements**

Rel-5 *current version:* none  
*freeze\_meeting:* RP-15  
*history (event, available, version,*

*WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark  
*G:* *U:* yes *MCC:* ARZELIER, Claude

SIEMENS AG

*remarks - general:*  
*remarks - this release:* .

---

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*

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

Motorola Inc.

RP-14 02/01/2002 1 . 0 . 0 RP-010823  
RP-15 04/04/2002 2 . 0 . 0 RP-020255  
RP-15 29/03/2002 5 . 0 . 0

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

---

**TR 25.859 User Equipment (UE) positioning enhancements for 1,28 Mcps TDD**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*

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

draft 0 . 0 . 0  
draft 04/09/2001 0 . 1 . 0  
RP-13 02/10/2001 1 . 0 . 1 RP-010560  
RP-15 19/03/2002 2 . 0 . 0 RP-020089  
RP-15 19/03/2002 2 . 0 . 1 RP-020214  
RP-15 19/03/2002 5 . 0 . 0

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

---

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

# 3GPP specification status

Page 79

02 December 2002 20:50:38

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

---

<b>TR 25.860</b>	<b>Radio access bearer support enhancements</b>								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha		NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-15	19/03/2002	1	.	0	.	0	RP-020087	<a href="#">get it</a> <i>remarks - general:</i>
	RP-16	25/06/2002	2	.	0	.	0	RP-020344	<a href="#">get it</a> <i>remarks - this release:</i> .
	RP-16	17/06/2002	5	.	0	.	0		<a href="#">get it</a>
<hr/>									
<b>TR 25.867</b>	<b>Feasibility study for wideband distribution systems in 3rd generation networks</b>								
Rel-5	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo		TEKMAR Sistemi Srl		
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-14	02/01/2002	1	.	0	.	0	RP-010794	<a href="#">get it</a> <i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
<b>TR 25.868</b>	<b>Node B synchronization for 1,28 Mcps TDD</b>								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling		CATT		
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-13	01/10/2001	1	.	0	.	0	RP-010668	<a href="#">get it</a> <i>remarks - general:</i>
	RP-14	02/01/2002	1	.	1	.	0	RP-010898	<a href="#">get it</a> <i>remarks - this release:</i> .
	RP-15	19/03/2002	1	.	1	.	1	RP-020202	<a href="#">get it</a>
	RP-15	29/03/2002	5	.	0	.	0		<a href="#">get it</a>
	post RP-15	15/04/2002	5	.	0	.	1		<a href="#">get it</a>
	editorial								
<hr/>									
<b>TR 25.869</b>	<b>Transmitter diversity solutions for multiple antennas</b>								
Rel-5	<i>current version:</i> 1.0.2			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin		Samsung Electronics Ind. Co., Ltd.		
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-12	28/06/2001	1	.	0	.	0	RP-010344	<a href="#">get it</a> <i>remarks - general:</i>
	RP-13	01/10/2001	1	.	0	.	1	RP-010637	<a href="#">get it</a> <i>remarks - this release:</i> .
	RP-15	19/03/2002	1	.	0	.	2	RP-020130	<a href="#">get it</a>

---

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



# 3GPP specification status

Page 80

02 December 2002 20:50:38

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

---

<b>TR 25.870</b>	<b>Enhancement on the DSCH Hard Split mode</b>						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Jaeyoel		Samsung Electronics Ind. Co., Ltd.	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-12 28/06/2001	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	draft 14/09/2001	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .		
	RP-14 02/01/2002	1 . 1 . 0		<a href="#">get it</a>			
	RP-15 19/03/2002	2 . 0 . 0		<a href="#">get it</a>			
	RP-15 29/03/2002	5 . 0 . 0		<a href="#">get it</a>			

---

<b>TR 25.875</b>	<b>NAS node selector function</b>						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> MCWILLIAMS, Brendan		VODAFONE Group Plc	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-14 02/01/2002	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-15 19/03/2002	2 . 0 . 0		<a href="#">get it</a>			
	RP-15 25/03/2002	5 . 0 . 0		<a href="#">get it</a>			

---

<b>TR 25.876</b>	<b>Multiple-Input Multiple-Output Antenna Processing for HSDPA</b>						
Rel-5	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard		Lucent Technologies	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-14 02/01/2002	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-15 31/07/2002	1 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .		

---

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

---

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

# 3GPP specification status

Page 81

02 December 2002 20:50:39

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

---

<b>TR 25.878</b>	<b>RL timing adjustment</b>								
Rel-5	current version: 5.1.0		WG (prime / other): R3 /		rapporteur: VOLTOLINA, Elena Eva	Telefon AB LM Ericsson			
	freeze_meeting: RP-15		G: U: yes		MCC: KRAUSE, Joern				
	history (event, available, version,								
	R3-23	11/01/2002	0 . 2 . 0	awaiting input from RAN1 & RAN2.	<a href="#">get it</a>	remarks - general:			
	RP-15	19/03/2002	1 . 0 . 0	RP-020139	<a href="#">get it</a>	remarks - this release: .			
	RP-15	19/03/2002	2 . 0 . 0	RP-020140	<a href="#">get it</a>				
	RP-15	25/03/2002	5 . 0 . 0		<a href="#">get it</a>				
	RP-16	28/06/2002	5 . 1 . 0		<a href="#">get it</a>				
<hr/>									
<b>TR 25.879</b>	<b>Separation of resource reservation and radio link activation</b>								
Rel-5	current version: 5.0.0		WG (prime / other): R3 /		rapporteur: KRAUSE, Joern				
	freeze_meeting: RP-15		G: U: yes		MCC: KRAUSE, Joern				
	history (event, available, version,								
	R3-23		0 . 2 . 0	Status report in RP-010608.		remarks - general:			
	draft	03/12/2001	0 . 3 . 0		<a href="#">get it</a>	remarks - this release: .			
	draft	03/12/2001	0 . 3 . 1		<a href="#">get it</a>				
	RP-15	19/03/2002	1 . 0 . 0	RP-020142	<a href="#">get it</a>				
	RP-15	19/03/2002	2 . 0 . 0	RP-020143	<a href="#">get it</a>				
	RP-15	25/03/2002	5 . 0 . 0		<a href="#">get it</a>				
<hr/>									
<b>TS 25.880</b>	<b>Traffic termination point swapping</b>								
Rel-5	current version: 5.0.0		WG (prime / other): R3 /		rapporteur: ISOKANGAS, Jari	NOKIA Corporation			
	freeze_meeting: RP-15		G: U: yes		MCC: KRAUSE, Joern				
	history (event, available, version,								
	R3-23		0 . 1 . 0	RP-010609		remarks - general:			
	draft	11/01/2002	0 . 3 . 0		<a href="#">get it</a>	remarks - this release: .			
	RP-15	19/03/2002	1 . 0 . 0	RP-020145	<a href="#">get it</a>				
	RP-15	19/03/2002	2 . 0 . 0	RP-020146	<a href="#">get it</a>				
	RP-15	25/03/2002	5 . 0 . 0		<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 82

02 December 2002 20:50:39

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

---

<b>TR 25.881</b>	<b>Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS</b>								
Rel-5	current version: 5.0.0		WG (prime / other): R3 /		rapporteur: HWANG, Woonhee		NOKIA Corporation		
	freeze_meeting: RP-15		G: U: yes		MCC: KRAUSE, Joern				
	history (event, available, version,								
	R3-23	0 . 2 . 0	Status report in RP-010611					remarks - general:	
	draft	0 . 4 . 0						remarks - this release: .	
	draft	0 . 4 . 1	04/12/2001						
	RP-14 02/01/2002	1 . 0 . 0	RP-010922	<a href="#">get it</a>					
	RP-14 02/01/2002	2 . 0 . 0	RP-010923	<a href="#">get it</a>					
	RP-14 09/01/2002	5 . 0 . 0		<a href="#">get it</a>					

---

<b>TR 25.882</b>	<b>1,28 Mcps TDD option base station classification</b>								
Rel-5	current version: 5.0.0		WG (prime / other): R4 /		rapporteur: MEYER, Juergen		SIEMENS AG		
	freeze_meeting: RP-15		G: U: yes		MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-13 01/10/2001	1 . 0 . 0	RP-010645	<a href="#">get it</a>				remarks - general:	
	RP-14 02/01/2002	1 . 1 . 0	RP-010810	<a href="#">get it</a>				remarks - this release: .	
	RP-16 25/06/2002	2 . 0 . 0	RP-020353	<a href="#">get it</a>					
	RP-16 03/07/2002	5 . 0 . 0		<a href="#">get it</a>					

---

<b>TR 25.883</b>	<b>Direct Transport Bearers Between SRNC and Node-B</b>								
Rel-5	current version: 5.0.0		WG (prime / other): R3 /		rapporteur: VAN LIESHOUT,		ERICSSON EUROLAB NETHERLANDS BV		
	freeze_meeting: RP-16		G: U: yes		Gert-Jan				
	history (event, available, version,				MCC: KRAUSE, Joern				
	draft 03/12/2001	0 . 2 . 0						remarks - general:	
	RP-16 25/06/2002	1 . 0 . 0	RP-020392	<a href="#">get it</a>				remarks - this release: .	
	RP-16 25/06/2002	2 . 0 . 0	RP-020393	<a href="#">get it</a>					
	RP-16 25/06/2002	2 . 0 . 1	RP-020452	<a href="#">get it</a>					
	RP-16 28/06/2002	5 . 0 . 0		<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 83

02 December 2002 20:50:39

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

## TR 25.884 Iur Neighbouring cell reporting efficiency optimisation

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* VOLTOLINA, Elena Eva Telefon AB LM Ericsson  
*freeze\_meeting:* NP-16 *G:* *U:* yes *MCC:* KRAUSE, Joern  
*history (event, available, version,*  
*referred to at* 11/01/2002 0 . 1 . 0 *Status report in RP-010606* [get it](#) *remarks - general:* Previous rapporteur: Shahrokh Amirijoo.  
RP-13 *remarks - this release:* .  
RP-15 19/03/2002 1 . 0 . 0 RP-020152 [get it](#)  
RP-15 19/03/2002 2 . 0 . 0 RP-020153 [get it](#)  
RP-15 02/04/2002 5 . 0 . 0 [get it](#)

## TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* R1 / - *rapporteur:* LI, Xiaoqiang SAMSUNG Electronics Research Institute  
*freeze\_meeting:* RP-16 *G:* *U:* yes *MCC:* SASAKI, Tsukasa  
*history (event, available, version,*  
RP-17 24/09/2002 1 . 0 . 0 RP-020508 [get it](#) *remarks - general:*  
*remarks - this release:* .

## TR 25.890 High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* R4 / *rapporteur:* FERNANDES, Edgar MOTOROLA A/S  
*freeze\_meeting:* *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
draft 0 . 0 . 0 *remarks - general:*  
RP-16 26/06/2002 1 . 0 . 0 RP-020376 [get it](#) *remarks - this release:* .

## TR 25.893 Radio access bearer scenarios

Rel-5 *current version:* none *WG (prime / other):* R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation  
*freeze\_meeting:* RP-19 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

## TR 25.921 Guidelines and principles for protocol description and error handling

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

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

# 3GPP specification status

Page 84

02 December 2002 20:50:39

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

<b>TR 25.922</b>	<b>Radio Resource Management Strategies</b>								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<b>TR 25.931</b>	<b>UTRAN Functions, examples on signalling procedures</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
	RP-16 28/06/2002	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i>	.
<b>TR 25.933</b>	<b>IP transport in UTRAN</b>								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 28/03/2002	5	.	0	.	0			
	RP-16 28/06/2002	5	.	1	.	0			
	RP-17 03/10/2002	5	.	2	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i>	2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
<b>TR 25.942</b>	<b>RF system scenarios</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
	RP-16 03/07/2002	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.
							<a href="#">get it</a>	<i>remarks - this release:</i>	.
<b>TR 25.943</b>	<b>Deployment aspects</b>								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
	edito 03/05/2002	5	.	0	.	1			
	RP-16 03/07/2002	5	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i>	.
							<a href="#">get it</a>		

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

# 3GPP specification status

Page 85

02 December 2002 20:50:40

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

---

## TR 25.945 RF requirements for low chip rate TDD option

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 02/04/2002 5 . 0 . 0

*WG (prime / other):* R4 / - *rapporteur:* ZHANG, Daijun CATT  
*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

---

## TR 25.951 Base Station classification (FDD)

Rel-5 *current version:* 1.1.0 DRAFT  
*freeze\_meeting:* RP-16  
*history (event, available, version,*  
RP-13 01/10/2001 1 . 1 . 0 moved from Rel-4

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

[get it](#) *remarks - general:*  
*remarks - this release:* 2002-01-24: Gutierrez: moved from Rel-4.

---

## TR 25.952 Base Station classification (TDD)

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-12 2 . 0 . 0 RP-010457  
RP-12 29/06/2001 5 . 0 . 0  
RP-16 03/07/2002 5 . 1 . 0

*WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS  
*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
[get it](#) *remarks - this release:* promoted from Rel-4 at RP-12.  
[get it](#)

---

## TR 25.956 UTRA repeater: Planning guidelines and system analysis

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-15 02/04/2002 5 . 0 . 0

*WG (prime / other):* R4 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA  
*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

---

## TR 25.991 Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* RP-15  
*history (event, available, version,*  
RP-14 02/01/2002 1 . 0 . 0 RP-010892  
RP-15 19/03/2002 2 . 0 . 0 RP-020121  
RP-15 02/04/2002 5 . 0 . 0

*WG (prime / other):* R4 / *rapporteur:* MOSHAVI, Shimon Intel Corporation  
*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

---

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

# 3GPP specification status

Page 86

02 December 2002 20:50:40

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

---

**TR 25.993 Typical examples of RABs and RBs supported by UTRA**

Rel-5 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

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

*remarks - general:*  
*remarks - this release:* Pointer to latest release version.

---

**TR 25.994 Measures employed by the UMTS Radio Access Network (RAN) to cater for User Equipment (UE) which does not conform to the RAN interface specification**

Rel-5 *current version:* 0.0.1 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 0 . 0 . 1

*WG (prime / other):* RP / *rapporteur:* COURAU, François ALCATEL S.A.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* .

---

**TR 25.995 Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification**

Rel-5 *current version:* 0.0.1 DRAFT  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 0 . 0 . 1

*WG (prime / other):* RP / *rapporteur:* COURAU, François ALCATEL S.A.  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* .

---

Rel-5 **26** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.071 AMR speech Codec; General description**

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

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

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

---

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

# 3GPP specification status

Page 87

02 December 2002 20:50:40

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

---

<b>TS 26.073</b>	<b>AMR speech Codec; C-source code</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0				
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 26.074</b>	<b>AMR speech Codec; Test sequences</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0				
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 26.077</b>	<b>Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0				
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 26.090</b>	<b>AMR speech Codec; Transcoding Functions</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0				
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 26.091</b>	<b>AMR speech Codec; Error concealment of lost frames</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0				
		<a href="#">get it</a>	<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



# 3GPP specification status

Page 88

02 December 2002 20:50:40

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

---

<b>TS 26.092</b>	<b>AMR speech Codec; comfort noise for AMR Speech Traffic Channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>						
<b>TS 26.093</b>	<b>AMR speech Codec; Source Controlled Rate operation</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
	SP-17 24/09/2002 5 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>						
<b>TS 26.094</b>	<b>AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>						
<b>TS 26.101</b>	<b>Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 26.102</b>	<b>AMR speech Codec; Interface to lu and Uu</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 89

02 December 2002 20:50:41

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

---

<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
Rel-5	<i>current version:</i> 5.3.0	<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,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5			
	SP-15 28/03/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-16 28/06/2002 5 . 2 . 0	<a href="#">get it</a>				
	SP-17 24/09/2002 5 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.104</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 26.110</b>	<b>Codec for circuit switched multimedia telephony service; General description</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 26.111</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#5			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 26.115</b>	<b>Echo control for speech and multi-media services</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

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

# 3GPP specification status

Page 90

02 December 2002 20:50:41

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

---

<b>TS 26.131</b>	<b>Terminal acoustic characteristics for telephony; Requirements</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-13 02/10/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-17 24/09/2002 5 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.132</b>	<b>Narrow band (3,1 k Hz) speech and video telephony terminal acoustic test specification</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-13 02/10/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-15 28/03/2002 5 . 2 . 0	<a href="#">get it</a>				
	SP-17 24/09/2002 5 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.140</b>	<b>Multimedia Messaging Service (MMS); Media formats and codes</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / T2	<i>rapporteur:</i> CASTAGNO, Roberto		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-14 02/01/2002 1 . 0 . 0 SP-010695	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-15 19/03/2002 2 . 0 . 0 SP-020075	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	SP-15 28/03/2002 5 . 0 . 0	<a href="#">get it</a>				
	SP-16 28/06/2002 5 . 1 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.171</b>	<b>AMR speech codec, wideband; General description</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10 1 . 0 . 0		<i>remarks - general:</i>			
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

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

# 3GPP specification status

Page 91

02 December 2002 20:50:41

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

---

<b>TS 26.173</b>	<b>ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec</b>					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2001-10-01: added "G" flag.			
	SP-12 27/06/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	edito 27/06/2001 5 . 1 . 1	<a href="#">get it</a>				
	SP-13 02/10/2001 5 . 2 . 0	<a href="#">get it</a>				
	SP-14 09/01/2002 5 . 3 . 0	<a href="#">get it</a>				
	SP-15 28/03/2002 5 . 4 . 0	<a href="#">get it</a>				

---

<b>TS 26.174</b>	<b>AMR speech codec, wideband; Test sequences</b>					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-12 27/06/2001 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	correction to test 12/11/2001 5 . 1 . 1	<a href="#">get it</a>				
	sequences					
	SP-14 09/01/2002 5 . 2 . 0	<a href="#">get it</a>				
	SP-15 28/03/2002 5 . 3 . 0	<a href="#">get it</a>				

---

<b>TS 26.190</b>	<b>Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-14 09/01/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

<b>TS 26.191</b>	<b>AMR speech codec, wideband; Error concealment of lost frames</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-15 28/03/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

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

# 3GPP specification status

Page 92

02 December 2002 20:50:42

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

---

<b>TS 26.192</b>	<b>Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: VACANT,		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino		
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>					
<b>TS 26.193</b>	<b>AMR speech codec, wideband; Source Controlled Rate operation</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson	
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino		
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>					
<b>TS 26.194</b>	<b>Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: VACANT,		
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino		
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>					
<b>TS 26.201</b>	<b>AMR speech codec, wideband; Frame structure</b>				
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: HAGQVIST, Jari	NOKIA Corporation	
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino		
history (event, available, version,	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>					
<b>TS 26.202</b>	<b>AMR speech codec, wideband; Interface to lu and Uu</b>				
Rel-5	current version: 5.1.0	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-15	G: yes U: yes	MCC: USAI, Paolino		
history (event, available, version,	draft 1 . 0 . 0				remarks - general:
	SP-11 02/08/2002 2 . 0 . 0			<a href="#">get it</a>	remarks - this release:
	SP-11 10/04/2001 5 . 0 . 0			<a href="#">get it</a>	
	SP-17 24/09/2002 5 . 1 . 0			<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 93

02 December 2002 20:50:42

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

---

<b>TS 26.204</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-14 02/01/2002 1 . 0 . 0 SP-010693	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-15 19/03/2002 2 . 0 . 0 SP-020073	<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	SP-15 28/03/2002 5 . 0 . 0	<a href="#">get it</a>				

---

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

---

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

---

<b>TS 26.231</b>	<b>Global text telephony (GTT); Cellular text telephone modem minimum performance requirements</b>					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i>	HELLSTROM, Gunnar	The Swedish Handicap Institute	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-10 21/12/2000 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	SP-16: in "GERAN" set.		
	SP-11 10/04/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-13 02/10/2001 5 . 1 . 0	<a href="#">get it</a>				
	SP-15 28/03/2002 5 . 2 . 0	<a href="#">get it</a>				

---

<b>TS 26.233</b>	<b>End-to-end transparent streaming service; General description</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i>	HONKO, Harri	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-15 28/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>	.		

---

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

# 3GPP specification status

Page 94

02 December 2002 20:50:42

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

---

<b>TS 26.234</b>	<b>End-to-end transparent streaming service; Protocols and codecs</b>								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NOHLGREN, Anders	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-15 28/03/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-16 28/06/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-17 24/09/2002	5	.	2	.	0	<a href="#">get it</a>		

---

<b>TS 26.235</b>	<b>Packet switched conversational multimedia applications; Default codecs</b>								
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			<i>G:</i> yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-12 27/06/2001	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-15 28/03/2002	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-12: transferred to Rel-5.	

---

<b>TS 26.236</b>	<b>Packet switched conversational multimedia applications; Transport protocols</b>								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi	Nokia Research Center			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-14 02/01/2002	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-15 19/03/2002	2	.	0	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-15 28/03/2002	5	.	0	.	0	<a href="#">get it</a>		

---

<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center			
	<i>freeze_meeting:</i> SP-16			<i>G:</i> yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

---

<b>TR 26.937</b>	<b>Transparent end-to-end packet switched streaming service (PSS); RTP usage model</b>								
Rel-5	<i>current version:</i> 0.1.0	DRAFT		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor	Nokia Telecommunications Inc.			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	S4-19 16/01/2002	0	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

---

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

# 3GPP specification status

Page 95

02 December 2002 20:50:42

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

---

**TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.  
*remarks - this release:* .

---

**TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec**  
Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 0 . 0 . 1 *remarks - general:* Cf 26.975.  
SP-12 27/06/2001 0 . 3 . 0 SP-010302 [get it](#) *remarks - this release:* .  
SP-14 02/01/2002 0 . 6 . 0 SP-010692 [get it](#)  
SP-17 24/09/2002 1 . 0 . 0 SP-020432 [get it](#)

---

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

---

**TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-16 24/06/2002 5 . 2 . 0 [get it](#)  
NP-17 17/09/2002 5 . 3 . 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:* WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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



# 3GPP specification status

Page 96

02 December 2002 20:50:43

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

---

<b>TS 27.003</b>	<b>Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002 5 . 0 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TS 27.005</b>	<b>Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-16 25/06/2002 5 . 0 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TS 27.007</b>	<b>AT command set for 3G User Equipment (UE)</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> TOMÉ, Olga	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-14 15/01/2002 5 . 0 . 0								
	TP-15 04/04/2002 5 . 1 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i>					
			<a href="#">get it</a>	<i>remarks - this release:</i> .					
<hr/>									
<b>TS 27.010</b>	<b>Terminal Equipment to User Equipment (TE-UE) multiplexer protocol</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BROOK, Richard	SAMSUNG Electronics Research Institute					
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i>								
	TP-16 26/06/2002 5 . 0 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TS 27.060</b>	<b>Packet domain; Mobile Station (MS) supporting Packet Switched services</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002 5 . 0 . 0								
	NP-16 24/06/2002 5 . 1 . 0								
	NP-17 17/09/2002 5 . 2 . 0								
			<a href="#">get it</a>	<i>remarks - general:</i> GPRS					
			<a href="#">get it</a>	<i>remarks - this release:</i> .					
			<a href="#">get it</a>						

---

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

# 3GPP specification status

Page 97

02 December 2002 20:50:43

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

---

<b>TS 27.103</b>	<b>Wide Area Network Synchronization</b>							
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHAU, Alan	NOKIA UK Ltd		
	<i>freeze_meeting:</i> TP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>							
	TP-16 26/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
					<i>remarks - this release:</i> .			
<hr/>								
<b>TS 27.104</b>	<b>vObjects and other constructs for data synchronization</b>							
Rel-5	<i>current version:</i> 0.1.1	DRAFT		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LOCKHART, Rob	Motorola Inc.		
	<i>freeze_meeting:</i> TP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>							
	TP-10 05/01/2001 0 . 1 . 1 SP-000657			<a href="#">get it</a>	<i>remarks - general:</i> TP-14: may be merged with 24.241			
					<i>remarks - this release:</i> TSG#11:Rel4->Rel5.			
<hr/>								
<b>TS 27.241</b>	<b>3GPP generic user profile requirements; Stage 3; Access; Common objects</b>							
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> LOCKHART, Rob	Motorola Inc.		
	<i>freeze_meeting:</i> TP-16			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>							
					<i>remarks - general:</i> Cf work item 'Generic user profile' - may be renumbered to 24.241			
					<i>remarks - this release:</i> .			
<hr/>								
<b>TR 27.901</b>	<b>Report on Terminal Interfaces - An Overview</b>							
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> TP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>							
	TP-16 26/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>			
					<i>remarks - this release:</i> .			
<hr/>								
Rel-5	28 .- series	Server location:	<a href="http://www.3gpp.org/ftp/Specs/archive/28_series">http://www.3gpp.org/ftp/Specs/archive/28_series</a>					
<hr/>								

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

# 3GPP specification status

Page 98

02 December 2002 20:50:43

Server ACTIVE specs Rel-5 28 .- series  
[http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

---

**TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3**  
Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-17 24/09/2002 5 . 2 . 0 [get it](#)

---

Rel-5 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

**TS 29.002 Mobile Application Part (MAP) specification**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-14 18/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-15 04/04/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-16 21/06/2002 5 . 2 . 0 [get it](#)  
NP-17 24/09/2002 5 . 3 . 0 [get it](#)

---

**TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
NP-16 28/06/2002 5 . 2 . 0 [get it](#)  
NP-17 17/09/2002 5 . 3 . 0 [get it](#)

---

**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) 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo  
SONERA Corporation  
*freeze\_meeting:* NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-16 21/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)  
NP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

---

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

# 3GPP specification status

Page 99

02 December 2002 20:50:44

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

---

<b>TS 29.011</b>	<b>Signalling Interworking for Supplementary Services</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-16 25/06/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 29.013</b>	<b>Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-16 25/06/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 29.016</b>	<b>Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification</b>								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	NP-16 26/06/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 29.018</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	NP-14 04/01/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	NP-15 19/03/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	NP-16 26/06/2002	5 . 2 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 29.060</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface</b>								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	NP-14 editorial 18/01/2002	5 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>				
	NP-15 28/03/2002	5 . 1 . 0		<a href="#">get it</a>					
	NP-16 21/06/2002	5 . 2 . 0		<a href="#">get it</a>					
	NP-17 18/09/2002	5 . 3 . 0		<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 100

02 December 2002 20:50:44

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

---

<b>TS 29.061</b>	<b>Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)</b>								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd					
	<i>freeze_meeting:</i> NP-17	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-14 14/01/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the						
	NP-15 20/03/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> NP-16: some indications from N3 report that this spec should not be considered	Public					
Land Mobile Network (PLMN) supporting GPRS and Packet".									
	as frozen; withdraw SDO publications?								
	NP-16 02/07/2002 5 . 2 . 0	<a href="#">get it</a>	frozen yet. So change freeze date from March 2002 to Sept 2002.						
edito post	NP-16 25/07/2002 5 . 2 . 1	<a href="#">get it</a>							
	NP-17 17/09/2002 5 . 3 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 29.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana						
	<i>history (event, available, version,</i>								
	NP-16 18/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
	NP-17 17/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Phase 4						
<hr/>									
<b>TS 29.108</b>	<b>Application of the Radio Access Network Application Part (RANAP) on the E-interface</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG					
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern						
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)						
	RP-16 28/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
<hr/>									
<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited					
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 25/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 29.120</b>	<b>Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation					
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 25/06/2002 5 . 0 . 0	<a href="#">get it</a>	<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

# 3GPP specification status

Page 101

02 December 2002 20:50:44

Server ACTIVE specs Rel-5 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](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:* 1.0.0 DRAFT WG (prime / other): N3 / rapporteur: HOLLAND, Nigel mm02 plc  
*freeze\_meeting:* NP-16 G: yes U: yes MCC: BOSWARTHICK, David  
*history (event, available, version,*  
draft 01/06/2001 0 . 1 . 0 [get it](#) *remarks - general:*  
draft 08/11/2001 0 . 3 . 0 [get it](#) *remarks - this release:* .  
draft 14/01/2002 0 . 4 . 0 [get it](#)  
draft 18/02/2002 0 . 6 . 1 [get it](#)  
NP-15 19/03/2002 1 . 0 . 0 NP-020076 [get it](#)

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

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

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

Rel-5 *current version:* 5.1.1 WG (prime / other): N5 / rapporteur: MOERDIJK, Ard-Jan Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 G: U: yes MCC: ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
add missing 09/10/2002 5 . 1 . 1 [get it](#)  
attachments post  
NP-17

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

Rel-5 *current version:* 5.1.0 WG (prime / other): N5 / rapporteur: BENNETT, Andy Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-16 G: U: yes MCC: ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

# 3GPP specification status

Page 102

02 December 2002 20:50:44

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

---

<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 19/07/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
<hr/>					
<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data SCF</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 19/07/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
<hr/>					
<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data SCF</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 19/07/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
<hr/>					
<b>TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control data SCF</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 19/07/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
<hr/>					
<b>TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.	
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 26/06/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	

---

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

# 3GPP specification status

Page 103

02 December 2002 20:50:45

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

---

<b>TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: TWEEDIE, David	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 26/06/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
<hr/>					
<b>TS 29.198-07 Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities</b>					
Rel-5	current version: 5.2.0	WG (prime / other): N5 /	rapporteur: SAARENPA, Matti	NOKIA Corporation	
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-15 27/03/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-16 26/06/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
	NP-17 01/10/2002	5 . 2 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 26/06/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
<hr/>					
<b>TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: SCHILDERS, Koen	Telefon AB LM Ericsson	
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 05/07/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	
<hr/>					
<b>TS 29.198-12 Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging</b>					
Rel-5	current version: 5.1.0	WG (prime / other): N5 /	rapporteur: SCHILDERS, Koen	Telefon AB LM Ericsson	
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
	NP-16 05/07/2002	5 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-17 01/10/2002	5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .	

---

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



# 3GPP specification status

Page 104

02 December 2002 20:50:45

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

---

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
draft 29/01/2002 0 . 0 . 1 N5-020036 [get it](#) *remarks - general:*  
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .  
NP-16 31/05/2002 2 . 0 . 0 NP-020195 [get it](#)  
NP-16 17/06/2002 5 . 0 . 0 [get it](#)  
NP-17 01/10/2002 5 . 1 . 0 [get it](#)

---

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* VENKATESH, Guda Teltier Technologies  
*freeze\_meeting:* NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*  
NP-16 31/05/2002 2 . 0 . 0 NP-020196 [get it](#) *remarks - this release:* .  
NP-16 17/06/2002 5 . 0 . 0 [get it](#)  
NP-17 01/10/2002 5 . 1 . 0 [get it](#)

---

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
NP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

---

## TS 29.205 Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 105

02 December 2002 20:50:45

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

---

## TS 29.207 Policy control over Go interface

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version,*

draft 08/11/2001 0 . 2 . 0

draft 14/01/2002 0 . 5 . 0

draft 18/02/2002 0 . 6 . 0

NP-15 19/03/2002 1 . 0 . 0 NP-020078

draft 18/04/2002 1 . 1 . 0

NP-16 26/06/2002 2 . 0 . 0 NP-020167 (RFC ref needs cleaning)

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

NP-17 19/09/2002 5 . 1 . 0

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

---

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.  
*freeze\_meeting:* NP-16 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version,*

draft 08/11/2001 0 . 1 . 0

draft 14/01/2002 0 . 2 . 0

draft 18/02/2002 0 . 3 . 1

NP-15 19/03/2002 1 . 0 . 0 NP-020079

draft 18/04/2002 1 . 1 . 0

NP-16 26/06/2002 2 . 0 . 0 NP-020166

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

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

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

---

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

# 3GPP specification status

Page 106

02 December 2002 20:50:46

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

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

Rel-5 current version: 5.1.0 WG (prime / other): N4 / rapporteur: PALLARES LÓPEZ, Telefon AB LM Ericsson  
freeze\_meeting: NP-16

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

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

[get it](#)

remarks - general: Additional rapporteur: Miguel-Angel Pallares-Lopez

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-5 current version: 5.1.0 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,

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

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

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

# 3GPP specification status

Page 107

02 December 2002 20:50:46

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

---

<b>TS 29.232</b>	<b>Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3</b>						
Rel-5	<i>current version:</i> 5.3.0 <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,</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-14 11/01/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Additional rapporteur: Laura.Pomponi@CSELT.IT			
	NP-14 editorial 18/01/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	.			
	NP-15 28/03/2002 5 . 1 . 0	<a href="#">get it</a>					
	NP-16 21/06/2002 5 . 2 . 0	<a href="#">get it</a>					
	NP-17 18/09/2002 5 . 3 . 0	<a href="#">get it</a>					

---

<b>TS 29.240</b>	<b>3GPP generic user profile requirements; Stage 3; Network</b>						
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-16	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation			
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
			<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241			
			<i>remarks - this release:</i>	.			

---

<b>TS 29.278</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)</b>						
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-18	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> REMOQUILLO, Angelica	Lucent Technologies			
	<i>history (event, available, version,</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana			
	N2-25 0 . 1 . 0		<i>remarks - general:</i>	NP-16 Existance hinted at in N2 report. Draft believed to have been seen at N2.			
	NP-17 24/09/2002 2 . 0 . 0 NP-020349	<a href="#">get it</a>	<i>remarks - this release:</i>	TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.			
	NP-17 17/09/2002 5 . 0 . 0	<a href="#">get it</a>					

---

<b>TS 29.328</b>	<b>IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents</b>						
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-16	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK			
	<i>history (event, available, version,</i>	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-16 26/06/2002 2 . 0 . 0 NP-020277	<a href="#">get it</a>	<i>remarks - general:</i>				
	NP-16 25/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.			
	NP-17 18/09/2002 5 . 1 . 0	<a href="#">get it</a>					

---

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

# 3GPP specification status

Page 108

02 December 2002 20:50:46

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

---

<b>TS 29.329</b>	<b>Sh interface based on the Diameter protocol</b>				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> NP-16	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-16 26/06/2002 2 . 0 . 1 NP-020266	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-16 25/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	NP-17 17/09/2002 5 . 1 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 29.414</b>	<b>Core network Nb data transport and transport signalling</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-15 20/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 29.415</b>	<b>Core network Nb interface user plane protocols</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> SANDERS, David	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-15 20/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TR 29.903</b>	<b>Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	0 . 0 . 1 2001-03		<i>remarks - general:</i> Supersedes 29.203.		
	NP-12 04/07/2001 0 . 1 . 0 NP-010361	<a href="#">get it</a>	<i>remarks - this release:</i> NP-11:creation Supersedes 29.203		
	N4-08 0 . 1 . 1				
	N4-09 0 . 2 . 0				
	N4-10 0 . 3 . 0				
	N4-10 0 . 3 . 1				
	NP-14 02/01/2002 2 . 0 . 0 NP-010633	<a href="#">get it</a>			
	NP-14 10/01/2002 5 . 0 . 0	<a href="#">get it</a>			

---

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

# 3GPP specification status

02 December 2002 20:50:46

Page 109

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

---

**TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards**

Rel-5 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
WG (prime / other): RP / - *rapporteur:* COURAU, François ALCATEL S.A.  
G: yes U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* .

---

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:*  
WG (prime / other): N1 / RP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
NP-16 26/06/2002 5 . 0 . 0

[get it](#) *remarks - general:* 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
*remarks - this release:* . latest Release version.

---

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-15  
*history (event, available, version,*  
WG (prime / other): N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
G: U: yes *MCC:* ZOICAS, Adrian

NP-16 20/06/2002 5 . 0 . 0

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

---

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-15  
*history (event, available, version,*  
WG (prime / other): N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
G: U: yes *MCC:* ZOICAS, Adrian

NP-16 20/06/2002 5 . 0 . 0

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

---

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

Rel-5 *current version:* Mapping; Subpart 4: Multiparty Call Control SIP 5.0.0 WG (prime / other): N5 /- *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.

*freeze\_meeting:* NP-16

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

*history (event, available, version,*  
draft 19/02/2002 0 . 2 . 1 N5-020084  
draft 22/04/2002 1 . 0 . 0  
NP-16 31/05/2002 2 . 0 . 0 NP-020198 (RFC nos. to be  
NP-16 20/06/2002 5 . 0 . 0

[get it](#) *remarks - general:* Evidence for existence unearthed in N5-020143.  
[get it](#) *remarks - this release:* .Was originally Rel-6, but moved to Rel 5 NP-15.  
[get it](#)  
[get it](#)

---

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

# 3GPP specification status

Page 110

02 December 2002 20:50:47

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

---

**TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 20/06/2002 5 . 0 . 0

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

---

**TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2: INAP mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release:*

---

**TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping**

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release:*

---

**TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 20/06/2002 5 . 0 . 0

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

---

**TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP**

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 20/06/2002 5 . 0 . 0

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

---

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

# 3GPP specification status

Page 111

02 December 2002 20:50:47

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

---

**TS 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-16 20/06/2002 5 . 0 . 0  
[get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

---

**TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit**  
Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International  
*freeze\_meeting:* TP-21 *G: yes U: yes* *MCC:* DIETZE, Claus  
*history (event, available, version,*  
*remarks - general:* Test spec for 23.048.  
*remarks - this release:*

---

**TS 31.101 UICC-terminal interface; Physical and logical characteristics**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd  
*freeze\_meeting:* TP-17 *G:* U: yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-17 18/09/2002 5 . 0 . 0  
[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.  
*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:* 5.2.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* TP-15 *G:* U: yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-15 28/03/2002 5 . 0 . 0  
TP-16 28/06/2002 5 . 1 . 0  
TP-17 25/09/2002 5 . 2 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

---

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



# 3GPP specification status

Page 112

02 December 2002 20:50:47

Server ACTIVE specs Rel-5 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

<b>TS 31.103</b>	<b>Characteristics of the ISIM application</b>				
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	T3 /	<i>rapporteur:</i>	,
	<i>freeze_meeting:</i> TP-16	G: yes	U: yes	MCC:	DIETZE, Claus
	<i>history (event, available, version,</i>				
	TP-16 26/06/2002 1 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>
	TP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> .
	TP-17 25/09/2002 5 . 1 . 0			<a href="#">get it</a>	
	TP-020124				
<hr/>					
<b>TS 31.111</b>	<b>USIM Application Toolkit (USAT)</b>				
Rel-5	<i>current version:</i> 5.2.0	WG (prime / other):	T3 / -	<i>rapporteur:</i>	WOODSEND, Kristian
	<i>freeze_meeting:</i> TP-15	G: yes	U: yes	MCC:	DIETZE, Claus
	<i>history (event, available, version,</i>				Indicate persons who left Company and wait for new One
	TP-15 28/03/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.
	TP-16 28/06/2002 5 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> .
	TP-17 18/09/2002 5 . 2 . 0			<a href="#">get it</a>	
<hr/>					
<b>TS 31.112</b>	<b>USAT Interpreter Architecture Description; Stage 2</b>				
Rel-5	<i>current version:</i> 5.2.0	WG (prime / other):	T3 /	<i>rapporteur:</i>	,
	<i>freeze_meeting:</i> TP-15	G:	U: yes	MCC:	DIETZE, Claus
	<i>history (event, available, version,</i>				
	TP-11 09/04/2001 1 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>
	TP-13 12/10/2001 2 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> started life as Rel-4 draft, but ran out of time so ended up Rel-5.
	TP-13 12/10/2001 5 . 0 . 0			<a href="#">get it</a>	
	TP-14 14/01/2002 5 . 1 . 0			<a href="#">get it</a>	
	TP-16 19/06/2002 5 . 2 . 0			<a href="#">get it</a>	
	TP-010207				
<hr/>					
<b>TS 31.113</b>	<b>USAT interpreter byte codes</b>				
Rel-5	<i>current version:</i> 5.4.0	WG (prime / other):	T3 /	<i>rapporteur:</i>	,
	<i>freeze_meeting:</i> TP-15	G:	U: yes	MCC:	DIETZE, Claus
	<i>history (event, available, version,</i>				
	TP-11 09/04/2001 1 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>
	TP-13 12/10/2001 2 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i> started life as Rel-4 draft, but ran out of time so ended up Rel-5.
	TP-13 12/10/2001 5 . 0 . 0			<a href="#">get it</a>	
	TP-14 14/01/2002 5 . 1 . 0			<a href="#">get it</a>	
	TP-15 28/03/2002 5 . 2 . 0			<a href="#">get it</a>	
	TP-16 19/06/2002 5 . 3 . 0			<a href="#">get it</a>	
	TP-17 25/09/2002 5 . 4 . 0			<a href="#">get it</a>	
	TP-010208				

---

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

# 3GPP specification status

Page 113

02 December 2002 20:50:47

Server ACTIVE specs Rel-5 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.114 USAT interpreter protocol and administration

Rel-5 *current version:* 5.2.0 *freeze\_meeting:* TP-15  
*history (event, available, version,*  
TP-14 02/01/2002 1 . 0 . 0 TP-010248  
TP-15 19/03/2002 1 . 5 . 1 TP-020030  
TP-15 19/03/2002 2 . 0 . 0 TP-020077  
TP-15 28/03/2002 5 . 0 . 0  
TP-16 19/06/2002 5 . 1 . 0  
TP-17 25/09/2002 5 . 2 . 0

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

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

## TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 *current version:* 5.1.0 *freeze\_meeting:* SP-15  
*history (event, available, version,*  
TP-15 28/03/2002 5 . 0 . 0  
TP-16 19/06/2002 5 . 1 . 0

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

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

Rel-5 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.101 Telecommunication management; Principles and high level requirements

Rel-5 *current version:* 5.1.0 *freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0  
SP-17 18/09/2002 5 . 1 . 0

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

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

## TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.1.0 *freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0  
SP-17 18/09/2002 5 . 1 . 0

WG (prime / other): S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB  
G: U: yes *MCC:* ZOICAS, Adrian

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

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

# 3GPP specification status

Page 114

02 December 2002 20:50:48

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

---

<b>TS 32.111-1</b>	<b>Telecommunication management; Fault Management; Part 1: 3G fault management requirements</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts						
	SP-17 18/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
<hr/>									
<b>TS 32.111-2</b>	<b>Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts						
	SP-17 20/09/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
<hr/>									
<b>TS 32.111-3</b>	<b>Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts						
	SP-17 08/10/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
<hr/>									
<b>TS 32.111-4</b>	<b>Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set</b>								
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-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts						
	SP-16 20/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						
	SP-17 20/09/2002 5 . 2 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 32.200</b>	<b>Telecommunication management; Charging management; Charging principles</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> AHLBÄCK, Hans	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
	SP-16 20/06/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .						

---

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

# 3GPP specification status

Page 115

02 December 2002 20:50:48

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

---

<b>TS 32.205</b>	<b>Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-15 27/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	SP-16 20/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					
<hr/>									
<b>TS 32.215</b>	<b>Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-15 27/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	SP-16 20/06/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					
<hr/>									
<b>TS 32.225</b>	<b>Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SHARON, Ariel	Lucent Technologies Networks System GmbH					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-15 19/03/2002	1 . 0 . 0	SP-020033	<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-16 17/06/2002	1 . 5 . 0	SP-020327	<a href="#">get it</a>	<i>remarks - this release:</i> .				
	draft 19/07/2002	1 . 7 . 0		<a href="#">get it</a>					
	SP-17 16/09/2002	2 . 0 . 0	SP-020453	<a href="#">get it</a>					
	SP-17 18/09/2002	5 . 0 . 0	"Support of Diameter is mandatory."	<a href="#">get it</a>					
<hr/>									
<b>TS 32.235</b>	<b>Telecommunication management; Charging management; Charging data description for application services</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-17 18/09/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.300</b>	<b>Telecommunication management; Configuration Management (CM); Name convention for Managed Objects</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-17 18/09/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-8 (pars)				
					<i>remarks - this release:</i> .				

---

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

# 3GPP specification status

Page 116

02 December 2002 20:50:48

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

---

<b>TS 32.301</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.301-1					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TS 32.302</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service version 1</b>								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-14 11/01/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.301-2					
	edito 26/03/2002	5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .					
<hr/>									
<b>TS 32.303</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1</b>								
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.301-3					
	SP-17 18/09/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					
	edito post SP-17 01/10/2002	5 . 1 . 1	<a href="#">get it</a>						
<hr/>									
<b>TS 32.304</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set Version 1:1</b>								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-14 11/01/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.301-4					
	SP-15 26/03/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .					
	SP-16 20/06/2002	5 . 2 . 0	<a href="#">get it</a>						
<hr/>									
<b>TS 32.311</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements</b>								
Rel-5	<i>current version:</i> 5.0.0	<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,</i>								
	SP-15 26/03/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.112-1					
				<i>remarks - this release:</i> .					

---

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

# 3GPP specification status

Page 117

02 December 2002 20:50:49

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

---

**TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-15 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2  
*remarks - this release:* .

---

**TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP); Requirements**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-15 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*  
SP-17 06/09/2002 2 . 0 . 0 SP-020456 [get it](#) *remarks - this release:* .  
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

---

**TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP); Information service**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-17 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*  
SP-17 16/09/2002 2 . 0 . 0 SP-020457 [get it](#) *remarks - this release:* .  
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

---

**TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP); Corba solution set**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-17 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*  
SP-17 16/09/2002 2 . 0 . 0 SP-020458 [get it](#) *remarks - this release:* .  
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

---

**TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-17 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-16 17/06/2002 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-17 16/09/2002 2 . 0 . 0 SP-020459 [get it](#) *remarks - this release:* .  
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

---

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

# 3GPP specification status

Page 118

02 December 2002 20:50:49

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

<b>TS 32.401</b>	<b>Telecommunication management; Performance Management (PM); Concept and requirements</b>									
Rel-5	current version: 5.1.0	WG (prime / other): S5 / -	rapporteur: HÜBINETTE, Ulf	Telefon AB LM Ericsson						
	freeze_meeting: SP-15	G: yes U: yes	MCC: ZOICAS, Adrian							
	history (event, available, version,									
	SP-15 26/03/2002 5 . 0 . 0					<a href="#">get it</a>	remarks - general:	was 32.104 (pars)		
	SP-17 18/09/2002 5 . 1 . 0					<a href="#">get it</a>	remarks - this release:	.		
<b>TS 32.403</b>	<b>Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM</b>									
Rel-5	current version: 5.1.0	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,									
	SP-16 20/06/2002 5 . 0 . 0				WARNING: approved CRs 004, 005 &	<a href="#">get it</a>	remarks - general:	was 32.104 (pars)		
					006 accidentally not implemented!! (But		remarks - this release:	.		
					these CRs later withdrawn.)					
	SP-17 19/09/2002 5 . 1 . 0					<a href="#">get it</a>				
<b>TS 32.600</b>	<b>Telecommunication management; Configuration Management (CM); Concept and high-level requirements</b>									
Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: WILBER, John							
	freeze_meeting: SP-17	G: yes U: yes	MCC: ZOICAS, Adrian							
	history (event, available, version,									
	SP-17 20/09/2002 5 . 0 . 0					<a href="#">get it</a>	remarks - general:	Replaces 32.106 (pars).		
							remarks - this release:	.		
<b>TS 32.601</b>	<b>Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements</b>									
Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: PIRT, Trevor	MOTOROLA Ltd						
	freeze_meeting: SP-17	G: yes U: yes	MCC: ZOICAS, Adrian							
	history (event, available, version,									
	SP-17 23/09/2002 5 . 0 . 0					<a href="#">get it</a>	remarks - general:	was 32.601-1		
							remarks - this release:	.		
<b>TS 32.602</b>	<b>Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service</b>									
Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: WILBER, John							
	freeze_meeting: SP-17	G: yes U: yes	MCC: ZOICAS, Adrian							
	history (event, available, version,									
	SP-17 27/09/2002 5 . 0 . 0					<a href="#">get it</a>	remarks - general:	was 32.601-2		
							remarks - this release:	.		

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

# 3GPP specification status

Page 119

02 December 2002 20:50:49

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

---

<b>TS 32.603</b>	<b>Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP); CORBA solution set</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di		SIEMENS AG				
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
SP-17	27/09/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> was 32.601-3				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.604</b>	<b>Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) CMIP solution set</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
					<i>remarks - general:</i> was 32.601-4				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.611</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
SP-16	21/06/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-1				
SP-17	27/09/2002	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.612</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Information service</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
SP-17	27/09/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-2				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 32.613</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
SP-17	27/09/2002	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-3				
					<i>remarks - this release:</i> .				

---

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



# 3GPP specification status

Page 120

02 December 2002 20:50:49

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

---

**TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set**

Rel-5 *current version:* none  
*freeze\_meeting:* SP-17  
*history (event, available, version,*  
WG (*prime / other*): S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
G: U: yes *MCC:* ZOICAS, Adrian

*remarks - general:* was 32.602-4  
*remarks - this release:* .

---

**TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition**

Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* SP-16  
*history (event, available, version,*  
SP-16 21/06/2002 5 . 0 . 0  
edito after SP-17 18/09/2002 5 . 0 . 1  
WG (*prime / other*): S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)  
G: U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* was 32.602-5  
[get it](#) *remarks - this release:* .

---

**TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-17  
*history (event, available, version,*  
SP-17 27/09/2002 5 . 0 . 0  
WG (*prime / other*): S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
G: yes U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* was 32.620-1  
*remarks - this release:* .

---

**TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-17  
*history (event, available, version,*  
SP-17 27/09/2002 5 . 0 . 0  
WG (*prime / other*): S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
G: yes U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* was 32.620-2  
*remarks - this release:* .

---

**TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-17  
*history (event, available, version,*  
SP-17 27/09/2002 5 . 0 . 0  
WG (*prime / other*): S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
G: yes U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* was 32.620-3  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 121

02 December 2002 20:50:50

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

---

<b>TS 32.624</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-17
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
SP-17 27/09/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> was 32.620-4
	<i>remarks - this release:</i> .

---

<b>TS 32.625</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file</b>
Rel-5	<i>current version:</i> <b>format definition</b> 5.0.0
NORTEL NETWORKS (EUROPE)	<i>WG (prime / other):</i> S5 <i>/rapporteur:</i> BONNEAU, Frédéric
	<i>freeze_meeting:</i> SP-15 <i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	<i>SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars</i>
SP-17 06/09/2002 2 . 0 . 0 SP-020460	<a href="#">get it</a> <i>remarks - general:</i>
SP-17 18/09/2002 5 . 0 . 0	<a href="#">get it</a> <i>remarks - this release:</i> .
	<a href="#">get it</a>

---

<b>TS 32.631</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-16
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
SP-16 28/06/2002 5 . 0 . 0	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> was 32.621-1
	<i>remarks - this release:</i> .

---

<b>TS 32.632</b>	<b>Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-17
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PAL, Tapinder T-MOBILE DEUTSCHLAND
SP-17 23/09/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> was 32.621-2
	<i>remarks - this release:</i> .

---

<b>TS 32.633</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-5	<i>current version:</i> 5.0.0
	<i>freeze_meeting:</i> SP-17
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
SP-17 27/09/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> was 32.621-3
	<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 122

02 December 2002 20:50:50

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

---

<b>TS 32.634</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	was 32.621-4
			<i>remarks - this release:</i>	.
<hr/>				
<b>TS 32.635</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file</b>			
Rel-5	<i>current version:</i> <b>format definition</b>	5.0.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-16 17/06/2002 1 . 0 . 0		<i>remarks - general:</i>	RP-15: existence gleaned from S5 report.
	SP-17 16/09/2002 2 . 0 . 0		<i>remarks - this release:</i>	.
	SP-17 18/09/2002 5 . 0 . 0		<a href="#">get it</a>	
			<a href="#">get it</a>	
			<a href="#">get it</a>	
<hr/>				
<b>TS 32.641</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements</b>			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 27/09/2002 5 . 0 . 0		<i>remarks - general:</i>	was 32.622-1
			<i>remarks - this release:</i>	.
<hr/>				
<b>TS 32.642</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 27/09/2002 5 . 0 . 0		<i>remarks - general:</i>	was 32.622-2
			<i>remarks - this release:</i>	.
<hr/>				
<b>TS 32.643</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set</b>			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 27/09/2002 5 . 0 . 0		<i>remarks - general:</i>	was 32.622-3
			<i>remarks - this release:</i>	.
			<a href="#">get it</a>	

---

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

# 3GPP specification status

Page 123

02 December 2002 20:50:50

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

---

<b>TS 32.644</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	was 32.622-4
			<i>remarks - this release:</i>	.
<hr/>				
<b>TS 32.645</b>	<b>Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file</b>			
Rel-5	<i>current version:</i> <b>format definition</b>	5.0.0	<i>WG (prime / other):</i> S5	<i>/ rapporteur:</i> BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-16 17/06/2002 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
	SP-17 16/09/2002 2 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>
	SP-17 18/09/2002 5 . 0 . 0		<a href="#">get it</a>	.
<hr/>				
<b>TS 32.651</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements</b>			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	G: yes U:	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
				<i>remarks - this release:</i>
				.
<hr/>				
<b>TS 32.652</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-17	G: yes U:	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
				<i>remarks - this release:</i>
				.
<hr/>				
<b>TS 32.653</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set</b>			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: yes U:	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-17 08/10/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>
				<i>remarks - this release:</i>
				.

---

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

# 3GPP specification status

Page 124

02 December 2002 20:50:50

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

---

<b>TS 32.654</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set</b>						
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-17		G: yes U:		MCC:	ZOICAS, Adrian	
	<i>history (event, available, version,</i>						
					<i>remarks - general:</i>	was 32.623-4	
					<i>remarks - this release:</i>	.	

---

<b>TS 32.655</b>	<b>Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file</b>						
Rel-5	<i>current version:</i> <b>format definition</b>	5.0.0	<i>WG (prime / other):</i> S5		<i>/ rapporteur:</i>	BONNEAU, Frédéric	
	NORTEL NETWORKS (EUROPE)						
	<i>freeze_meeting:</i> SP-16		G: yes U: yes		MCC:	ZOICAS, Adrian	
	<i>history (event, available, version,</i>						
	SP-16 17/06/2002 1 . 0 . 0	SP-020298	pars	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-17 16/09/2002 2 . 0 . 0	SP-020463		<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-17 18/09/2002 5 . 0 . 0			<a href="#">get it</a>			

---

<b>TS 32.661</b>	<b>Telecommunication management; Configuration Management (CM); Kernel CM requirements</b>						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 /		<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-17		G: U: yes		MCC:	ZOICAS, Adrian	
	<i>history (event, available, version,</i>						
	draft 31/01/2002 0 . 1 . 0			<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-15 19/03/2002 1 . 0 . 0	SP-020034	pars	<a href="#">get it</a>	<i>remarks - this release:</i>	.	
	SP-17 16/09/2002 2 . 0 . 0	SP-020464		<a href="#">get it</a>			
	SP-17 18/09/2002 5 . 0 . 0			<a href="#">get it</a>			

---

<b>TS 32.662</b>	<b>Telecommunication management; Configuration Management (CM); Kernel CM information service</b>						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 /		<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-18		G: U: yes		MCC:	ZOICAS, Adrian	
	<i>history (event, available, version,</i>						
	draft 31/01/2002 0 . 1 . 0			<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-15 19/03/2002 1 . 0 . 0	SP-020034	pars	<a href="#">get it</a>	<i>remarks - this release:</i>	.	
	SP-17 16/09/2002 2 . 0 . 0	SP-020465		<a href="#">get it</a>			
	SP-17 18/09/2002 5 . 0 . 0			<a href="#">get it</a>			

---

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

# 3GPP specification status

Page 125

02 December 2002 20:50:51

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

---

**TS 32.663 Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-17 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-17 16/09/2002 1 . 0 . 0 SP-020466 [get it](#) *remarks - general:*  
SP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - this release:* SP-15: will not exist in Rel-5. SP-17 Oh yes it will!

---

**TS 32.664 Telecommunication management; Configuration Management (CM); Kernel CM CMIP solution set**  
Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-18 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-17 16/09/2002 1 . 0 . 0 SP-020467 [get it](#) *remarks - general:*  
*remarks - this release:* SP-15: will not exist in Rel-5. SP-17: Yes it will!

---

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

---

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

---

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

# 3GPP specification status

Page 126

02 December 2002 20:50:51

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

---

<b>TS 32.673</b>	<b>Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CORBA Solution set</b>								
Rel-5	<i>current version:</i> 5.0.0					<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di		SIEMENS AG
	<i>freeze_meeting:</i> SP-15					G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-17	16/09/2002	1	.	0	.	0	SP-020470	<a href="#">get it</a> <i>remarks - general:</i>
	SP-17	18/09/2002	5	.	0	.	0		<a href="#">get it</a> <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.674</b>	<b>Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CMIP Solution set</b>								
Rel-5	<i>current version:</i> 5.0.0					<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di		SIEMENS AG
	<i>freeze_meeting:</i> SP-15					G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	draft	17/01/2002	0	.	1	.	0		<a href="#">get it</a> <i>remarks - general:</i>
	draft	19/07/2002	1	.	0	.	0		<a href="#">get it</a> <i>remarks - this release:</i> .
	SP-17	16/09/2002	2	.	0	.	0	SP-020471	<a href="#">get it</a>
	SP-17	18/09/2002	5	.	0	.	0		<a href="#">get it</a>
<hr/>									
<b>TS 32.691</b>	<b>Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Requirements</b>								
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,</i>								
	SP-17	30/08/2002	1	.	0	.	0	SP-020472	<a href="#">get it</a> <i>remarks - general:</i>
	SP-17	18/09/2002	5	.	0	.	0		<a href="#">get it</a> <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.692</b>	<b>Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network resource model</b>								
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,</i>								
	SP-17	30/08/2002	1	.	0	.	0	SP-020473	<a href="#">get it</a> <i>remarks - general:</i>
	SP-17	18/09/2002	5	.	0	.	0		<a href="#">get it</a> <i>remarks - this release:</i> .
<hr/>									
<b>TR 32.800</b>	<b>Telecommunication management; Management level procedures and interaction with UTRAN</b>								
Rel-5	<i>current version:</i> 5.0.0					<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BODEN, Bert		Vodafone D2 GmbH
	<i>freeze_meeting:</i> SP-15					G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>								
	SP-15	26/03/2002	5	.	0	.	0		<a href="#">get it</a> <i>remarks - general:</i>
									<i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 127

02 December 2002 20:50:51

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

---

<b>TR 32.802</b>	<b>Telecommunication management; User Equipment Management (UEM) feasibility study</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-16	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-13 01/10/2001 0 . 0 . 2	TP-010213 (!)	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-14 02/01/2002 1 . 0 . 0	SP-010652 (also TP-010283)	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	draft 28/01/2002 1 . 0 . 1		<a href="#">get it</a>			
	draft 31/01/2002 1 . 0 . 2		<a href="#">get it</a>			
	SP-15 19/03/2002 1 . 0 . 4	SP-020011	<a href="#">get it</a>			
	SP-16 17/06/2002 2 . 0 . 0	SP-020331	<a href="#">get it</a>			
	SP-16 20/06/2002 5 . 0 . 0		<a href="#">get it</a>			
	SP-17 18/09/2002 5 . 1 . 0		<a href="#">get it</a>			

---

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

---

<b>TS 33.102</b>	<b>3G security; Security architecture</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOMMAERT, Marc	SIEMENS ATEA NV		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-16 19/06/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

<b>TS 33.106</b>	<b>Lawful interception requirements</b>					
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,</i>					
	SP-11 04/04/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-17 18/09/2002 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		

---

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



# 3GPP specification status

Page 128

02 December 2002 20:50:52

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

---

**TS 33.107 3G security; Lawful interception architecture and functions**  
Rel-5 *current version:* 5.4.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-12 04/07/2001 5 . 0 . 0  
SP-14 07/01/2002 5 . 1 . 0  
SP-15 26/03/2002 5 . 2 . 0  
edito post SP-15 15/04/2002 5 . 2 . 1 Corrects change history.  
SP-16 19/06/2002 5 . 3 . 0  
SP-17 18/09/2002 5 . 4 . 0

*WG (prime / other):* S3 / - *rapporteur:* WILHELM, Berthold  
*G:* U: yes *MCC:* POPE, Maurice BUNDESMINISTERIUM FUR WIRTSCHAFT

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

---

**TS 33.108 3G security; Handover interface for Lawful Interception (LI)**  
Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* SP-16  
*history (event, available, version,*  
SP-15 19/03/2002 1 . 0 . 0 SP-020118  
SP-16 2 . 0 . 0 SP-020357  
SP-16 19/06/2002 5 . 0 . 0  
SP-17 23/09/2002 5 . 1 . 0

*WG (prime / other):* S3 / *rapporteur:* WILHELM, Berthold  
*G:* U: yes *MCC:* POPE, Maurice BUNDESMINISTERIUM FUR WIRTSCHAFT

[get it](#) *remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core  
*remarks - this release:* . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).  
[get it](#)  
[get it](#)

---

**TS 33.200 3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15  
*history (event, available, version,*  
SP-15 26/03/2002 5 . 0 . 0

*WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian  
*G:* U: yes *MCC:* POPE, Maurice Hutchison 3G UK Limited

[get it](#) *remarks - general:* 2001-05-24: title grows MAP; see 33.210 for IP equivalent.  
*remarks - this release:* .

---

**TS 33.201 Access domain security**  
Rel-5 *current version:* none  
*freeze\_meeting:* SP-15  
*history (event, available, version,*

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

*remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 129

02 December 2002 20:50:52

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

---

<b>TS 33.203</b>	<b>3G security; Access security for IP-based services</b>								
Rel-5	<i>current version:</i> 5.3.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-13	03/10/2001	0 . 4 . 0	anticipate v2.0.0 at SP-15	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-14	02/01/2002	1 . 0 . 0	SP-010624	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-15	19/03/2002	2 . 0 . 0	SP-020116	<a href="#">get it</a>				
	SP-15	26/03/2002	5 . 0 . 0	But CR at SP-15 to correct reference to SIP.	<a href="#">get it</a>				
	SP-15	26/03/2002	5 . 1 . 0		<a href="#">get it</a>				
	SP-16	19/06/2002	5 . 2 . 0		<a href="#">get it</a>				
	SP-17	18/09/2002	5 . 3 . 0		<a href="#">get it</a>				
<hr/>									
<b>TS 33.210</b>	<b>3G security; Network Domain Security (NDS); IP network layer security</b>								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> KOIEN, Geir	Telenor AS			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-14	02/01/2002	1 . 0 . 0	SP-010623	<a href="#">get it</a>	<i>remarks - general:</i> 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).			
	SP-15	19/03/2002	2 . 0 . 0	SP-020117	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-15	26/03/2002	5 . 0 . 0		<a href="#">get it</a>				
	SP-16	19/06/2002	5 . 1 . 0		<a href="#">get it</a>				
<hr/>									
<b>TR 33.900</b>	<b>Guide to 3G security</b>								
Rel-5	<i>current version:</i> 0.4.1	DRAFT		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	draft	0 . 4 . 1		v number seems to have restarted. Not uploaded for fear of confusion.		<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			
<hr/>									
<b>TR 33.903</b>	<b>Access Security for IP based services</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
						<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			
<hr/>									

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

# 3GPP specification status

Page 130

02 December 2002 20:50:52

Server ACTIVE specs Rel-5 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

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

## TS 34.109 Terminal logical test interface; Special conformance testing functions

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude  
*history (event, available, version,*  
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.  
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* . TSG#9: Stable, so txfered from T1 to R2.

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* SALMERON, Lidia  
*history (event, available, version,*  
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
corrects page 24/06/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .  
headers  
TP-17 10/09/2002 5 . 1 . 0 [get it](#)  
edito post TP-17 20/09/2002 5 . 1 . 1 [get it](#) There were two annexes C !

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* TP-16 *G:* *U:* yes *MCC:* SALMERON, Lidia  
*history (event, available, version,*  
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
TP-17 10/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-15 03/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10  
RP-17 02/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

# 3GPP specification status

Page 131

02 December 2002 20:50:52

Server ACTIVE specs Rel-5 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

**TS 34.926 Table of international EMC requirements**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* RP-15

*history (event, available, version,*  
RP-15 02/04/2002 5 . 0 . 0

*WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10  
*remarks - this release:* .

---

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

*freeze\_meeting:* SP-15

*history (event, available, version,*  
SP-16 24/06/2002 5 . 0 . 0

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*G:* *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:* .

---

---

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

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-15

*history (event, available, version,*  
SP-16 24/06/2002 5 . 0 . 0

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*G:* *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:* .

---

---

**TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data**

Rel-5 *current version:* 5.0.0

*freeze\_meeting:* SP-15

*history (event, available, version,*  
SP-16 24/06/2002 5 . 0 . 0

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*G:* *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 132

02 December 2002 20:50:53

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

---

<b>TS 35.204</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data</b>								
Rel-5	<i>current version:</i> 5.0.0	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 35.205</b>	<b>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*;</b>								
Rel-5	<i>current version:</i> <b>Document 1: General</b>	5.0.0	WG (prime / other):	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE. 2002-06: clarified that deliverable is TS not TR.				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 35.206</b>	<b>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*;</b>								
Rel-5	<i>current version:</i> <b>Document 2: Algorithm specification</b>	5.0.0	WG (prime / other):	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 35.207</b>	<b>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*;</b>								
Rel-5	<i>current version:</i> <b>Document 3: Implementors' test data</b>	5.0.0	WG (prime / other):	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TS 35.208</b>	<b>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*;</b>								
Rel-5	<i>current version:</i> <b>Document 4: Design conformance test data</b>	5.0.0	WG (prime / other):	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE				
					<i>remarks - this release:</i> .				

---

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

# 3GPP specification status

Page 133

02 December 2002 20:50:53

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

---

**TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1\*, f2, f3, f4, f5 and f5\*;**  
Rel-5 *current version: Document 5: Summary and results of design and evaluation* 5.0.0 WG (prime / other): S3 /- *rappporteur:* WALKER, Michael  
VODAFONE Group Plc

*freeze\_meeting:* SP-15 G: U: yes MCC: POPE, Maurice  
*history (event, available, version,*  
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE  
*remarks - this release:* .

---

Rel-5 41 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](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 /- *rappporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*freeze\_meeting:* SP-15 G: yes U: MCC: POPE, Maurice

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

---

---

**TR 41.033 Lawful Interception requirements for GSM**  
Rel-5 *current version: 5.0.0* WG (prime / other): S3 /- *rappporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-15 G: yes U: MCC: POPE, Maurice

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

---

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

# 3GPP specification status

Page 134

02 December 2002 20:50:53

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

## TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* SP-16  
*history (event, available, version,*

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

SP-12		0	.	0	.	0	SP-010278
SP-12	05/07/2001	0	.	1	.	0	SP-010384
SP-13	01/10/2001	1	.	0	.	0	SP-010421
SP-15	19/03/2002	1	.	1	.	0	SP-020098
SP-15	19/03/2002	1	.	2	.	0	SP-020203
SP-16		2	.	0	.	0	SP-020271
SP-16		2	.	1	.	0	SP-020398
SP-16		2	.	2	.	0	SP-020410
SP-16	19/06/2002	5	.	0	.	0	
SP-17	18/09/2002	5	.	1	.	0	

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

Rel-5 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

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

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* TP-15  
*history (event, available, version,*

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

TP-12 06/07/2001 5 . 0 . 0

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

## TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-15

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
G: yes U: *MCC:* POPE, Maurice

*history (event, available, version,*  
SP-16 24/06/2002 5 . 0 . 0

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

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

# 3GPP specification status

Page 135

02 December 2002 20:50:53

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

---

<b>TS 42.033</b>	<b>Lawful Interception; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-16 24/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 42.043</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Was 22.043 at Rel99.			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 42.056</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 42.068</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	correct title line 22/10/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 42.069</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	post SP-16 edito 29/07/2002 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			
	to history box					

---

---

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



# 3GPP specification status

Page 136

02 December 2002 20:50:53

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

Rel-5 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

<b>TR 43.005</b>	<b>Technical performance objectives</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-16 04/07/2002 5 . 0 . 0					<a href="#">get it</a> <i>remarks - general:</i>
						<i>remarks - this release:</i> .
<b>TS 43.010</b>	<b>GSM Public Land Mobile Network (PLMN) connection types</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-15 20/03/2002 5 . 0 . 0					<a href="#">get it</a> <i>remarks - general:</i>
	NP-17 17/09/2002 5 . 1 . 0					<a href="#">get it</a> <i>remarks - this release:</i> .
<b>TS 43.013</b>	<b>Discontinuous Reception (DRX) in the GSM system</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> GP-10		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002 5 . 0 . 0					<a href="#">get it</a> <i>remarks - general:</i>
						<i>remarks - this release:</i> .
<b>TS 43.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2</b>					
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> TP-15		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>					
	TP-12 12/11/2001 5 . 0 . 0					<a href="#">get it</a> <i>remarks - general:</i> For test spec, see 51.013.
	fix annexed library file					<a href="#">get it</a> <i>remarks - this release:</i> .
	TP-14 17/01/2002 5 . 1 . 0					<a href="#">get it</a>
	TP-15 02/04/2002 5 . 2 . 0					<a href="#">get it</a>
	TP-16 25/06/2002 5 . 3 . 0					<a href="#">get it</a>
	TP-17 27/09/2002 5 . 4 . 0					<a href="#">get it</a>

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

# 3GPP specification status

Page 137

02 December 2002 20:50:54

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

---

**TS 43.020 Security-related network functions**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*history (event, available, version,*  
SP-16 19/07/2002 5 . 0 . 0

*WG (prime / other):* S3 / NP / *rapporteur:* GILBERT, Henri France Telecom  
GP  
*G:* yes *U:* *MCC:* POPE, Maurice

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

---

**TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode**  
Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0  
GP-11 19/09/2002 5 . 1 . 0

*WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G:* yes *U:* *MCC:* USAI, Paolino

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

---

**TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator**  
Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0  
re-issue as TR 31/07/2002 5 . 0 . 1  
(not TS) as per  
03.26

*WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G:* yes *U:* *MCC:* USAI, Paolino

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

---

**TR 43.030 Radio network planning aspects**  
Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0  
reissue as TR 5 . 0 . 1  
instead of TS  
GP-11 19/09/2002 5 . 1 . 0

*WG (prime / other):* G1 / - *rapporteur:* TEGTH, Ulf TELIA AB  
*G:* yes *U:* *MCC:* USAI, Paolino

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

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

# 3GPP specification status

Page 138

02 December 2002 20:50:54

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

---

<b>TS 43.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 43.033</b>	<b>Lawful Interception; Stage 2</b>					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH	
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 43.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat	
	<i>history (event, available, version,</i> NP-15 20/03/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 43.050</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>history (event, available, version,</i> SP-11 10/04/2001 5 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			

---

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

# 3GPP specification status

Page 139

02 December 2002 20:50:54

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

---

<b>TS 43.051</b>	<b>GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2</b>					
Rel-5	current version: 5.7.0	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Guillaume	NOKIA Corporation
	freeze_meeting: GP-09	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-03 15/02/2001 5 . 0 . 0	<a href="#">get it</a>		remarks - general:	Originally created as 03.51r00	
	GP-04 20/04/2001 5 . 1 . 0	<a href="#">get it</a>		remarks - this release:		
	GP-05 28/06/2001 5 . 2 . 0	<a href="#">get it</a>				
	GP-06 01/10/2001 5 . 3 . 0	<a href="#">get it</a>				
	GP-07 04/01/2002 5 . 4 . 0	<a href="#">get it</a>				
	GP-08 19/02/2002 5 . 5 . 0	<a href="#">get it</a>				
	GP-09 06/05/2002 5 . 6 . 0	<a href="#">get it</a>				
	GP-11 19/09/2002 5 . 7 . 0	<a href="#">get it</a>				

---

<b>TS 43.052</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	G1 / -	rapporteur:	GIRAUD, Alexis	ALCATEL S.A.
	freeze_meeting: GP-10	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	.	

---

<b>TS 43.055</b>	<b>Dual Transfer Mode (DTM); Stage 2</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTINEZ,	VODAFONE Group Plc
	freeze_meeting: GP-10	G: yes U:		MCC:	Jose Luis USAI, Paolino	
	history (event, available, version,					
	GP-10 19/07/2002 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	.	

---

<b>TR 43.058</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>					
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom
	freeze_meeting: SP-16	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	.	

---

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

# 3GPP specification status

Page 140

02 December 2002 20:50:54

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

---

<b>TS 43.059</b>	<b>Functional stage 2 description of Location Services (LCS) in GERAN</b>								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation					
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	GP-06 01/10/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	GP-07 04/01/2002 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .					
	GP-08 19/02/2002 5 . 2 . 0		<a href="#">get it</a>						
	GP-09 06/05/2002 5 . 3 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 43.064</b>	<b>Overall description of the GPRS radio interface; Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation					
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	GP-09 06/05/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
<b>TS 43.068</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-16 19/06/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	post NP-16 edito 28/06/2002 5 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> .					
	NP-17 17/09/2002 5 . 1 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 43.069</b>	<b>Voice Broadcast service (VBS); Stage 2</b>								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-16 19/06/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	post NP-16 edito 28/06/2002 5 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> .					
	NP-17 17/09/2002 5 . 1 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 43.073</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</b>								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation					
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 5 . 0 . 0	technically identical to v4.0.0	<a href="#">get it</a>	<i>remarks - general:</i> SP-16: derived from 23.073 on reversion to GERAN-only service.					
				<i>remarks - this release:</i> .					

---

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

# 3GPP specification status

Page 141

02 December 2002 20:50:55

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

---

**TS 43.130 Iur-g interface; Stage 2**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* GP-11  
*history (event, available, version,*  
GP-11 16/09/2002 5 . 0 . 0 Technically identical to TR.43,930 [get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.  
*remarks - this release:* .

*WG (prime / other):* G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc  
Jose Luis  
*G: yes U:* *MCC:* USAI, Paolino

---

**TR 43.900 Support for voice optimization for the IMS in the GERAN**  
Rel-5 *current version:* none  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
*remarks - general:* 2002-09-03: Transferred from G2 to G1.  
*remarks - this release:* .

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

---

Rel-5 **44** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

**TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* NP-15  
*history (event, available, version,*  
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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

---

**TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* GP-11  
*history (event, available, version,*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

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

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

# 3GPP specification status

Page 142

02 December 2002 20:50:55

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

---

<b>TS 44.004</b>	<b>Layer 1 - General Requirements</b>					
Rel-5	current version: 5.2.0	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG		
	freeze_meeting: GP-09	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-06 15/11/2001 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	GP-07 08/01/2002 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: .			
	GP-09 06/05/2002 5 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 44.005</b>	<b>Data Link (DL) Layer General Aspects</b>					
Rel-5	current version: 5.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-11	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 44.006</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
Rel-5	current version: 5.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-11	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 44.012</b>	<b>Short Message Service Cell Broadcast (SMS) Support on the Mobile Radio Interface</b>					
Rel-5	current version: 5.0.0	WG (prime / other): G2 / N2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-11	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	remarks - general: Rel-4 onwards. (Rel-99 was 24.012)			
			remarks - this release: .			
<hr/>						
<b>TS 44.013</b>	<b>Performance Requirements on Mobile Radio Interface</b>					
Rel-5	current version: 5.0.0	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc		
	freeze_meeting: NP-15	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	NP-16 20/06/2002 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			

---

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

# 3GPP specification status

Page 143

02 December 2002 20:50:55

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

---

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-11 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-06 10/09/2001 5 . 2 . 0 [get it](#)  
GP-07 08/01/2002 5 . 3 . 0 [get it](#)  
GP-08 19/02/2002 5 . 4 . 0 [get it](#)  
GP-09 02/05/2002 5 . 5 . 0 [get it](#)  
GP-10 19/07/2002 5 . 6 . 0 [get it](#)  
GP-11 16/09/2002 5 . 7 . 0 [get it](#)

---

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
post NP-17 - 02/10/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .  
replace illegible  
figures  
NP-17 18/09/2002 5 . 1 . 0 [get it](#)  
post NP-17 - 02/10/2002 5 . 1 . 1 [get it](#)  
replace illegible  
figures

---

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



# 3GPP specification status

Page 144

02 December 2002 20:50:55

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

---

<b>TS 44.031</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>				
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-06 14/09/2001 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-07 08/01/2002 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	GP-08 19/02/2002 5 . 2 . 0	<a href="#">get it</a>			
	GP-09 02/05/2002 5 . 3 . 0	<a href="#">get it</a>			
	GP-10 19/07/2002 5 . 4 . 0	<a href="#">get it</a>			
	GP-11 16/09/2002 5 . 5 . 0	<a href="#">get it</a>			

---

<b>TS 44.035</b>	<b>Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-11	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

---

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

---

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

---

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

# 3GPP specification status

Page 145

02 December 2002 20:50:56

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

---

<b>TS 44.060</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol</b>				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 /	<i>rporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-08 19/02/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-09 03/05/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	. (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
edito post	GP-09 28/05/2002	5 . 1 . 1	<a href="#">get it</a>		
	GP-10 19/07/2002	5 . 2 . 0	<a href="#">get it</a>		
	GP-11 16/09/2002	5 . 3 . 0	<a href="#">get it</a>		

---

<b>TS 44.064</b>	<b>Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification</b>				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-14 04/01/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-15 19/03/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	.

---

<b>TS 44.065</b>	<b>Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 19/06/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.
				<i>remarks - this release:</i>	.

---

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

---

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

---

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

# 3GPP specification status

Page 146

02 December 2002 20:50:56

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

---

<b>TS 44.071</b>	<b>Location Services (LCS); Mobile radio interface layer 3 LCS specification</b>									
Rel-5	current version: 5.0.0 freeze_meeting: GP-11	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S						
	history (event, available, version, GP-11 27/09/2002 5 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert							
		<a href="#">get it</a>	remarks - general: remarks - this release: .							
<hr/>										
<b>TS 44.118</b>	<b>Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol lu mode</b>									
Rel-5	current version: 5.1.0 freeze_meeting: GP-09	WG (prime / other): G2 /	rapporteur: VIRTEJ, Iuliana THOMASEN, Gert	NOKIA Corporation						
	history (event, available, version, GP-08 20/03/2002 1 . 1 . 0 GP-020289 draft 26/03/2002 1 . 2 . 0 GP-08 27/03/2002 1 . 3 . 0 GP-02794 draft 07/05/2002 1 . 4 . 0 GP-10 19/07/2002 5 . 0 . 0 GP-11 19/09/2002 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert							
		<a href="#">get it</a>	remarks - general: remarks - this release: .							
<hr/>										
<b>TS 44.160</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode</b>									
Rel-5	current version: 5.1.0 freeze_meeting: GP-09	WG (prime / other): G2 /	rapporteur: , THOMASEN, Gert							
	history (event, available, version, GP-09 22/04/2002 0 . 2 . 0 GP-020803 GP-10 19/07/2002 5 . 0 . 0 GP-11 19/09/2002 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert							
		<a href="#">get it</a>	remarks - general: Created GP-08; see GP-020483. 2002-07-18: G1->G2. remarks - this release: .							
<hr/>										
<b>TR 44.901</b>	<b>External network assisted cell change (NACC)</b>									
Rel-5	current version: 5.1.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: BACKLUND, Ingemar THOMASEN, Gert	Telefon AB LM Ericsson						
	history (event, available, version, GP-06bis 0 . 4 . 0 GP-08 04/04/2002 0 . 7 . 0 GP-020220 GP-08 04/04/2002 1 . 0 . 0 GP-020427 GP-08 19/03/2002 2 . 0 . 0 GP-020491 GP-08 26/03/2002 5 . 0 . 0 GP-09 06/05/2002 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert							
		<a href="#">get it</a>	remarks - general: remarks - this release: .							
<hr/>										

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

# 3GPP specification status

Page 147

02 December 2002 20:50:56

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

Rel-5 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-06 01/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:*  
GP-07 04/01/2002 5 . 2 . 0 [get it](#)  
GP-09 06/05/2002 5 . 3 . 0 [get it](#)  
GP-10 19/07/2002 5 . 4 . 0 [get it](#)

---

## TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-5 *current version:* 5.6.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
edito 27/02/2001 5 . 0 . 1 [get it](#) *remarks - this release:*  
GP-04 20/04/2001 5 . 1 . 0 [get it](#)  
GP-06 01/10/2001 5 . 2 . 0 [get it](#)  
GP-07 04/01/2002 5 . 3 . 0 [get it](#)  
GP-08 19/02/2002 5 . 4 . 0 [get it](#)  
GP-09 06/05/2002 5 . 5 . 0 [get it](#)  
GP-10 19/07/2002 5 . 6 . 0 [get it](#)

---

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

# 3GPP specification status

Page 148

02 December 2002 20:50:57

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

---

<b>TS 45.003</b>	<b>Channel coding</b>						
Rel-5	<i>current version:</i> 5.6.0						
	<i>freeze_meeting:</i> GP-09						
	<i>history (event, available, version,</i>						
	GP-03 06/02/2001	5	.	0	.	0	
	GP-05 28/06/2001	5	.	1	.	0	<a href="#">get it</a> <i>remarks - general:</i>
	GP-06 01/10/2001	5	.	2	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
	GP-07 04/01/2002	5	.	3	.	0	<a href="#">get it</a>
	GP-08 19/02/2002	5	.	4	.	0	<a href="#">get it</a>
	GP-09 06/05/2002	5	.	5	.	0	<a href="#">get it</a>
	GP-10 19/07/2002	5	.	6	.	0	<a href="#">get it</a>
<b>TS 45.004</b>	<b>Modulation</b>						
Rel-5	<i>current version:</i> 5.1.0						
	<i>freeze_meeting:</i> GP-09						
	<i>history (event, available, version,</i>						
	GP-07 04/01/2002	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
	GP-10 19/07/2002	5	.	1	.	0	<a href="#">get it</a> <i>remarks - this release: .</i>
<b>TS 45.005</b>	<b>Radio transmission and reception</b>						
Rel-5	<i>current version:</i> 5.5.0						
	<i>freeze_meeting:</i> GP-09						
	<i>history (event, available, version,</i>						
	GP-05 28/06/2001	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
	GP-06 01/10/2001	5	.	1	.	0	<a href="#">get it</a> <i>remarks - this release: .</i>
	GP-07 04/01/2002	5	.	2	.	0	<a href="#">get it</a>
	GP-09 06/05/2002	5	.	3	.	0	<a href="#">get it</a>
	GP-10 19/07/2002	5	.	4	.	0	<a href="#">get it</a>
	GP-11 19/09/2002	5	.	5	.	0	<a href="#">get it</a>

---

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

# 3GPP specification status

Page 149

02 December 2002 20:50:57

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

---

## TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.8.0  
*freeze\_meeting:* GP-09

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer  
*G: yes U:* *MCC:* USAI, Paolino

VODAFONE Group Plc

*history (event, available, version,*

GP-03	15/02/2001	5	.	0	.	0
GP-04	20/04/2001	5	.	1	.	0
GP-05	28/06/2001	5	.	2	.	0
GP-06	01/10/2001	5	.	3	.	0
GP-07	04/01/2002	5	.	4	.	0
GP-08	19/02/2002	5	.	5	.	0
GP-09	06/05/2002	5	.	6	.	0
GP-10	19/07/2002	5	.	7	.	0
GP-11	19/09/2002	5	.	8	.	0

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

---

## TS 45.009 Link adaptation

Rel-5 *current version:* 5.5.0  
*freeze\_meeting:* GP-09

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

MOTOROLA A/S

*history (event, available, version,*

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

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

---

## TS 45.010 Radio subsystem synchronization

Rel-5 *current version:* 5.1.0  
*freeze\_meeting:* GP-10

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

NOKIA MOBILE PHONES

*history (event, available, version,*

GP-10	19/07/2002	5	.	0	.	0
GP-11	19/09/2002	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

# 3GPP specification status

Page 150

02 December 2002 20:50:57

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

---

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

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

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

---

**TR 45.050 Background for RF Requirements**  
Rel-5 *current version:* 5.0.1  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0  
clean up 19/09/2002 5 . 0 . 1

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*G: yes U:* *MCC:* Peter Skov  
USAI, Paolino

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

---

**TS 45.056 CTS-FP Radio Sub-system**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

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

---

Rel-5 **46** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

**TS 46.001 Full Rate Speech Processing Functions**  
Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* SP-16  
*history (event, available, version,*  
SP-16 28/06/2002 5 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

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

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

# 3GPP specification status

Page 151

02 December 2002 20:50:57

Server ACTIVE specs Rel-5 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.002</b>	<b>Half Rate Speech Processing Functions</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 46.006</b>	<b>Half-rate speech: ANSI-C code for GSM half-rate speech codec</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 46.007</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TR 46.008</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 46.010</b>	<b>Full-rate speech transcoding</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

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



# 3GPP specification status

Page 152

02 December 2002 20:50:58

Server ACTIVE specs Rel-5 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.011</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
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,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 46.012</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
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,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 46.020</b>	<b>Half Rate Speech Transcoding</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 46.021</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
<b>TS 46.022</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .

---

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

# 3GPP specification status

Page 153

02 December 2002 20:50:58

Server ACTIVE specs Rel-5 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.031</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 46.032</b>	<b>Voice Activity Detection (VAD)</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 46.041</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 46.042</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 46.051</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

---

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

# 3GPP specification status

Page 154

02 December 2002 20:50:58

Server ACTIVE specs Rel-5 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.053</b>	<b>ANSI-C code for the GSM Enhanced full rate speech codec</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 46.054</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TR 46.055</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>				
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:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 46.060</b>	<b>Enhanced full rate speech transcoding</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 46.061</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-16 28/06/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

---

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

# 3GPP specification status

Page 155

02 December 2002 20:50:58

Server ACTIVE specs Rel-5 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.062</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 46.081</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 46.082</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TR 46.085</b>	<b>Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

---

Rel-5 48 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

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

# 3GPP specification status

Page 156

02 December 2002 20:50:58

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

---

<b>TS 48.001</b>	<b>General Aspects on the BSS-MSC Interface</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 48.002</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-09			Peter Skov		
			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-04 05/10/2001 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-09 06/05/2002 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .		
<hr/>						
<b>TS 48.004</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 48.006</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

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

# 3GPP specification status

Page 157

02 December 2002 20:50:59

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

---

**TS 48.008 Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Rel-5 *current version: 5.7.0* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels* MOTOROLA A/S  
*freeze\_meeting: GP-09* *G: yes U:* *MCC: THOMASEN, Gert*

*history (event, available, version,*  
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 19/06/2001 5 . 1 . 0 [get it](#) *remarks - this release: .*  
GP-06 14/09/2001 5 . 2 . 0 [get it](#)  
GP-07 08/01/2002 5 . 3 . 0 [get it](#)  
GP-08 19/02/2002 5 . 4 . 0 [get it](#)  
GP-09 06/05/2002 5 . 5 . 0 [get it](#)  
GP-10 19/07/2002 5 . 6 . 0 [get it](#)  
GP-11 16/09/2002 5 . 7 . 0 [get it](#)

---

**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: 5.0.0* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels* MOTOROLA A/S  
*freeze\_meeting: GP-11* *G: yes U:* *MCC: THOMASEN, Gert*

*history (event, available, version,*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: .*

---

**TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**  
Rel-5 *current version: 5.1.0* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels* MOTOROLA A/S  
*freeze\_meeting: GP-09* *G: yes U:* *MCC: THOMASEN, Gert*

*history (event, available, version,*  
GP-06 14/09/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
GP-07 08/01/2002 5 . 1 . 0 [get it](#) *remarks - this release: .*

---

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

# 3GPP specification status

Page 158

02 December 2002 20:50:59

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

---

<b>TS 48.018</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA	
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-06 10/09/2001	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	GP-07 08/01/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		
	GP-08 19/02/2002	5 . 2 . 0	<a href="#">get it</a>			
	GP-09 06/05/2002	5 . 3 . 0	<a href="#">get it</a>			
	GP-10 19/07/2002	5 . 4 . 0	<a href="#">get it</a>			
	GP-11 16/09/2002	5 . 5 . 0	<a href="#">get it</a>			

---

<b>TS 48.020</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-14 11/01/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-17 18/09/2002	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .		

---

<b>TS 48.031</b>	<b>Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

<b>TS 48.051</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

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

# 3GPP specification status

Page 159

02 December 2002 20:50:59

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

---

<b>TS 48.052</b>	<b>Base Station Controller- Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
<b>TS 48.054</b>	<b>Base Station Controller- Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits</b>				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
<b>TS 48.056</b>	<b>Base Station Controller- Base Transceiver Station (BSC - BTS) interface; Layer 2 specification</b>				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i> GP-11 27/09/2002 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
<b>TS 48.058</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>				
Rel-5	<i>current version:</i> 5.6.0 <i>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i> GP-04 04/05/2001 5 . 0 . 0 GP-05 18/06/2001 5 . 1 . 0 GP-06 10/09/2001 5 . 2 . 0 GP-07 08/01/2002 5 . 3 . 0 GP-08 19/02/2002 5 . 4 . 0 GP-09 06/05/2002 5 . 5 . 0 GP-10 19/07/2002 5 . 6 . 0	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .		

---

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



# 3GPP specification status

Page 160

02 December 2002 20:50:59

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

---

**TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels**  
Rel-5 *current version:* 5.2.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-09 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-09 06/05/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
GP-10 19/07/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .  
GP-11 19/09/2002 5 . 2 . 0 [get it](#)

---

**TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-09 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-09 06/05/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
*remarks - this release:* .

---

**TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-11 *G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*  
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

Rel-5 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

**TR 49.001 General network interworking scenarios**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting:* NP-15 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

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

# 3GPP specification status

Page 161

02 December 2002 20:51:00

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

---

**TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface**  
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated  
*freeze\_meeting:* NP-15 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
GP-06 02/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*  
edito 03/10/2001 5 . 0 . 1 [get it](#) *remarks - this release:* .  
GP-07 08/01/2002 5 . 1 . 0 [get it](#)  
GP-08 19/02/2002 5 . 2 . 0 [get it](#)  
GP-10 19/07/2002 5 . 3 . 0 [get it](#)

---

Rel-5 50 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

---

**TR 50.099 GERAN project plan and open issues**  
Rel-5 *current version:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-08 04/04/2002 0 . 0 . 14 GP-020277 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as  
GP-08 20/03/2002 0 . 0 . 15 GP-020515 [get it](#) *remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). Rel-5.  
draft 20/03/2002 0 . 1 . 6 [get it](#)

---

Rel-5 51 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

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

# 3GPP specification status

Page 162

02 December 2002 20:51:00

Server ACTIVE specs Rel-5 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

**TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:*

*WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng  
NP /  
T2 /  
SCP  
/ G4

ETSI Secretariat

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*  
GP-11 20/09/2002 5 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* .

---

**TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* GP-11

*WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng  
NP /  
T2 /  
SCP  
/ G4

ETSI Secretariat

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*  
GP-11 19/09/2002 5 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* .

---

**TS 51.013 Test specification for SIM API for Java card**

Rel-5 *current version:* none  
*freeze\_meeting:*

*WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando  
*G:* yes *U:* *MCC:* DIETZE, Claus

OBERTHUR CARD SYSTEMS S.A.

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* TP-16: WI is TP-020122.

---

**TS 51.021 GSM radio aspects base station system equipment specification**

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* GP-10

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

Telefon AB LM Ericsson

*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0

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

---

G = required in systems with GERANaccess; U = required in systems with UMTS

# 3GPP specification status

Page 163

02 December 2002 20:51:00

Server ACTIVE specs Rel-5 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

## TS 51.026 GSM Repeater Equipment Specification

Rel-5 *current version:* 5.0.0  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0

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

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

---

Rel-5 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](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  
*freeze\_meeting:* GP-10  
*history (event, available, version,*  
GP-10 19/07/2002 5 . 0 . 0

*WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Mchael MOTOROLA Ltd  
*G: yes U:* *MCC:* USAI, Paolino

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

---

---

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

Rel-5 *current version:* none  
*freeze\_meeting:* SP-18  
*history (event, available, version,*

*WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* ZOICAS, Adrian

*remarks - general:* SP-13: replaces 32.402.  
*remarks - this release:* .

---

## Rel-4

Rel-4 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

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

# 3GPP specification status

Page 164

02 December 2002 20:51:00

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

## TS 21.102 3rd Generation mobile system Release 4 specifications

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-08 30/06/2000 1 . 0 . 0  
SP-10 04/01/2001 1 . 1 . 0  
SP-11 11/04/2001 4 . 0 . 0  
SP-12 05/07/2001 4 . 1 . 0  
SP-13 01/10/2001 4 . 2 . 0  
SP-14 03/01/2002 4 . 3 . 0  
SP-15 27/03/2002 4 . 4 . 0  
SP-16 19/06/2002 4 . 5 . 0  
SP-17 18/09/2002 4 . 6 . 0

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

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

## TS 21.111 USIM and IC card requirements

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
TP-11 09/04/2001 4 . 0 . 0  
TP-17 18/09/2002 4 . 1 . 0

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5 version. TP-16: decided to upgrade to Rel-5.

## TS 21.133 3G security; Security threats and requirements

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 09/04/2001 4 . 0 . 0  
SP-14 07/01/2002 4 . 1 . 0

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

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

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

# 3GPP specification status

Page 165

02 December 2002 20:51:01

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

---

## TR 21.801 Specification drafting rules

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-08 28/06/2000 1 . 0 . 0  
SP-08 30/06/2000 4 . 0 . 0  
SP-11 11/04/2001 4 . 1 . 0  
SP-13 01/10/2001 4 . 2 . 0  
SP-15 27/03/2002 4 . 3 . 0

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* Formal doc created after TSG#7. (Was briefly 21.200)  
[get it](#)  
[get it](#)

---

## TR 21.900 Technical Specification Group working methods

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

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

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

---

## TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-09 18/10/2000 4 . 0 . 0  
SP-10 08/01/2001 4 . 1 . 0  
SP-11 02/04/2001 4 . 2 . 0  
SP-12 27/06/2001 4 . 3 . 0  
SP-13 05/10/2001 4 . 4 . 0

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

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* Absorbs 01.04.  
[get it](#)  
[get it](#)

---

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

---

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

# 3GPP specification status

Page 166

02 December 2002 20:51:01

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

---

<b>TS 22.001</b>	<b>Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#5			
	SP-10 08/01/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	remove change 28/02/2001	4 . 1 . 1	<a href="#">get it</a>				
	bars						
	SP-12 27/06/2001	4 . 2 . 0	<a href="#">get it</a>				
	SP-15 25/03/2002	4 . 3 . 0	<a href="#">get it</a>				

---

<b>TS 22.002</b>	<b>Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-11 02/04/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-12 27/06/2001	4 . 2 . 0	<a href="#">get it</a>				

---

<b>TS 22.003</b>	<b>Circuit Teleservices supported by a Public Land Mobile Network (PLMN)</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-07 17/03/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#5			
	SP-10 08/01/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-12 27/06/2001	4 . 2 . 0	<a href="#">get it</a>				
	SP-15 25/03/2002	4 . 3 . 0	<a href="#">get it</a>				

---

<b>TS 22.004</b>	<b>General on supplementary services</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-16 04/07/2002	4 . 2 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 167

02 December 2002 20:51:01

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

---

<b>TS 22.011</b>	<b>Service accessibility</b>								
Rel-4	<i>current version:</i> 4.8.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-07 17/03/2000	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
	SP-08 28/06/2000	4	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>
	SP-09 18/10/2000	4	.	2	.	0		<a href="#">get it</a>	
	SP-11 02/04/2001	4	.	3	.	0		<a href="#">get it</a>	
	SP-12 27/06/2001	4	.	4	.	0		<a href="#">get it</a>	
	SP-14 10/01/2002	4	.	5	.	0		<a href="#">get it</a>	
	SP-15 25/03/2002	4	.	6	.	0		<a href="#">get it</a>	
	SP-16 04/07/2002	4	.	7	.	0		<a href="#">get it</a>	
	SP-17 17/09/2002	4	.	8	.	0		<a href="#">get it</a>	

---

<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</b>								
Rel-4	<i>current version:</i> 4.2.1								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
	SP-15 25/03/2002	4	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#8: CR proposed creation, but not aprvd.
	SP-16 04/07/2002	4	.	2	.	0		<a href="#">get it</a>	
	edito post SP-16 19/07/2002	4	.	2	.	1	History box	<a href="#">get it</a>	

---

<b>TS 22.022</b>	<b>Personalisation of Mobile Equipment (ME); Mobile functionality specification</b>								
Rel-4	<i>current version:</i> 4.1.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
	SP-16 19/06/2002	4	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>

---

<b>TS 22.024</b>	<b>Description of Charge Advice Information (CAI)</b>								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5
									<i>remarks - this release:</i>

---

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



# 3GPP specification status

Page 168

02 December 2002 20:51:01

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

---

<b>TS 22.030</b>	<b>Man-Machine Interface (MMI) of the User Equipment (UE)</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	SP-15 25/03/2002 4 . 1 . 0					<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>									
<b>TS 22.032</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).		
							<i>remarks - this release:</i> SP-16: Takes over from 42.032 Rel-4.		
<hr/>									
<b>TS 22.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	SP-16 04/07/2002 4 . 1 . 0					<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>									
<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	SP-10 08/01/2001 4 . 1 . 0					<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>									
<b>TS 22.041</b>	<b>Operator Determined Call Barring</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-10 08/01/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4		
	SP-11 02/04/2001 4 . 1 . 0					<a href="#">get it</a>	<i>remarks - this release:</i>		

---

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

# 3GPP specification status

Page 169

02 December 2002 20:51:02

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

---

<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
	SP-11 02/04/2001						<a href="#">get it</a>	remarks - general:	Transfer>TSG#4
	SP-15 25/03/2002						<a href="#">get it</a>	remarks - this release:	
<hr/>									
<b>TS 22.048</b>	<b>Security Mechanisms for the (U)SIM application toolkit; Stage 1</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting: TP-12	G: yes U: yes		MCC:	DIETZE, Claus				
history (event, available, version,									
	TP-12 06/07/2001						<a href="#">get it</a>	remarks - general:	TP-12: was previously 42.048.
								remarks - this release:	.
<hr/>									
<b>TS 22.053</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>								
Rel-4	current version: 4.0.1	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,									
	draft 23/04/1999						<a href="#">get it</a>	remarks - general:	Transfer>TSG#4.
	SP-03 23/04/1999						<a href="#">get it</a>	remarks - this release:	
	SP-11 10/04/2001						<a href="#">get it</a>		
	edito 01/10/2001						<a href="#">get it</a>		
<hr/>									
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,									
	SP-09 18/10/2000						<a href="#">get it</a>	remarks - general:	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution
	SP-15 25/03/2002						<a href="#">get it</a>	remarks - this release:	Environment (MExE); Stage 1".

---

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

# 3GPP specification status

Page 170

02 December 2002 20:51:02

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

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

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

# 3GPP specification status

Page 171

02 December 2002 20:51:02

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

---

<b>TS 22.072</b>	<b>Call Deflection (CD); Stage 1</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S1 / -	rapporteur: RAUCH, Horst	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-11	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
			remarks - this release:			
<hr/>						
<b>TS 22.076</b>	<b>Noise suppression for the AMR codec; Service description; Stage 1</b>					
Rel-4	current version: 4.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: SP-11	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version,					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	edito 01/10/2001 4 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<hr/>						
<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>					
Rel-4	current version: 4.5.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting: SP-11	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-09 29/10/2000 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	SP-10 08/01/2001 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	SP-11 02/04/2001 4 . 2 . 0	<a href="#">get it</a>				
	SP-12 27/06/2001 4 . 3 . 0	<a href="#">get it</a>				
	SP-14 10/01/2002 4 . 4 . 0	<a href="#">get it</a>				
	SP-15 25/03/2002 4 . 5 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 22.079</b>	<b>Support of optimal routing; Stage 1</b>					
Rel-4	current version: 4.0.0	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-11	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
			remarks - this release:			

---

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

# 3GPP specification status

Page 172

02 December 2002 20:51:03

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

<b>TS 22.081</b>	<b>Line Identification supplementary services; Stage 1</b>					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: AHNBERG, Tomas		Indicate persons who left Company and wait for new One	
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0	G: yes U: yes	MCC: CLAYTON, Michael	<a href="#">get it</a> remarks - general: Transfer>TSG#4 <a href="#">get it</a> remarks - this release:		
<b>TS 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: EVEN, Anne		France Telecom	
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-12 29/06/2001 4 . 1 . 0 SP-15 25/03/2002 4 . 2 . 0	G: yes U: yes	MCC: CLAYTON, Michael	<a href="#">get it</a> remarks - general: Transfer>TSG#4 <a href="#">get it</a> remarks - this release: <a href="#">get it</a>		
<b>TS 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1</b>					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0	G: yes U: yes	MCC: CLAYTON, Michael	<a href="#">get it</a> remarks - general: Transfer>TSG#4 <a href="#">get it</a> remarks - this release:		
<b>TS 22.084</b>	<b>MultiParty (MPTY) supplementary service; Stage 1</b>					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0	G: yes U: yes	MCC: CLAYTON, Michael	<a href="#">get it</a> remarks - general: Transfer>TSG#4 <a href="#">get it</a> remarks - this release:		
<b>TS 22.085</b>	<b>Closed User Group (CUG) supplementary services; Stage 1</b>					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0	G: yes U: yes	MCC: CLAYTON, Michael	<a href="#">get it</a> remarks - general: Transfer>TSG#4 <a href="#">get it</a> remarks - this release:		

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

# 3GPP specification status

Page 173

02 December 2002 20:51:03

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

---

<b>TS 22.086</b>	<b>Advice of Charge (AoC) supplementary services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian			T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi			NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; Stage 1</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	<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

# 3GPP specification status

Page 174

02 December 2002 20:51:03

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

---

<b>TS 22.093</b>	<b>Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i>						
<hr/>									
<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0								
	SP-15 25/03/2002 4 . 1 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5						
		<a href="#">get it</a>	<i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced.						
<hr/>									
<b>TS 22.096</b>	<b>Name identification supplementary services; Stage 1</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i>						
<hr/>									
<b>TS 22.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0								
	SP-15 25/03/2002 4 . 1 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
		<a href="#">get it</a>	<i>remarks - this release:</i>						

---

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

# 3GPP specification status

Page 175

02 December 2002 20:51:03

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

---

<b>TS 22.101</b>	<b>Service aspects; Service principles</b>								
Rel-4	<i>current version:</i> 4.6.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-08 28/06/2000	4 . 0 . 0	based on 3.9.0	<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-09 18/10/2000	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> based on 3.9.0				
	SP-10 08/01/2001	4 . 2 . 0		<a href="#">get it</a>					
	SP-11 02/04/2001	4 . 3 . 0		<a href="#">get it</a>					
	SP-12 27/06/2001	4 . 4 . 0		<a href="#">get it</a>					
	spelling 31/07/2001	4 . 4 . 1		<a href="#">get it</a>					
	SP-13 05/10/2001	4 . 5 . 0		<a href="#">get it</a>					
	SP-15 25/03/2002	4 . 6 . 0		<a href="#">get it</a>					

---

<b>TS 22.105</b>	<b>Services and service capabilities</b>								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne				France Telecom
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	SP-10 08/01/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	SP-12 27/06/2001	4 . 2 . 0		<a href="#">get it</a>					
	SP-15 25/03/2002	4 . 3 . 0		<a href="#">get it</a>					

---

<b>TS 22.115</b>	<b>Service Aspects Charging and billing</b>								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele				TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

---

<b>TR 22.121</b>	<b>Service aspects; The Virtual Home Environment; Stage 1</b>								
Rel-4	<i>current version:</i> 4.1.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke				FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-04 18/10/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment;				
	SP-11 02/04/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> Stage 1". SP-16: converted from TS to TR.				
	SP-16 19/07/2002	4 . 1 . 1	Converted from TS to TR.	<a href="#">get it</a>					

---

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



# 3GPP specification status

Page 176

02 December 2002 20:51:04

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

---

## TS 22.127 Service Requirement for the Open Services Access (OSA); Stage 1

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* CLAYTON, Michael

*history (event, available, version,*  
draft 0 . 1 . 0 *remarks - general:*  
draft 0 . 2 . 0 *remarks - this release:*  
draft 0 . 3 . 0  
draft 0 . 4 . 0  
draft 0 . 5 . 0  
SP-09 28/09/2000 1 . 0 . 0 [get it](#)  
draft 1 . 0 . 1  
draft 1 . 1 . 0  
draft 1 . 1 . 0  
draft 1 . 2 . 0  
SP-10 2 . 0 . 0 SP-000551  
SP-10 12/01/2001 4 . 0 . 0 [get it](#)  
SP-11 02/04/2001 4 . 1 . 0 [get it](#)  
SP-12 27/06/2001 4 . 2 . 0 [get it](#)  
SP-14 10/01/2002 4 . 3 . 0 [get it](#)  
SP-15 28/03/2002 4 . 4 . 0 [get it](#)

---

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE PCS LTD  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

*history (event, available, version,*  
SP-09 18/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
SP-10 08/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-11 02/04/2001 4 . 2 . 0 [get it](#)  
SP-12 27/06/2001 4 . 3 . 0 [get it](#)  
SP-14 10/01/2002 4 . 4 . 0 [get it](#)

---

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

# 3GPP specification status

Page 177

02 December 2002 20:51:04

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

## TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
SP-15 27/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-16 4 . 2 . 0 CR010 unimplementable because  
written to wrong version. No new CR at  
SP-17; still waiting.

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

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-T-3 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)  
SP-T-05 08/10/1999 1 . 0 . 0 [get it](#) *remarks - this release:* based on 3.0.0  
SP-T-06 17/12/1999 2 . 0 . 0 [get it](#)  
SP-08 4 . 0 . 0  
SP-08 28/06/2000 4 . 0 . 1 [get it](#)  
SP-11 02/04/2001 4 . 1 . 0 [get it](#)  
SP-15 28/03/2002 4 . 2 . 0 [get it](#)

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

Rel-4 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.002 Network architecture

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-09 18/10/2000 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5  
SP-10 21/12/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-11 06/04/2001 4 . 2 . 0 [get it](#)  
SP-12 29/06/2001 4 . 3 . 0 [get it](#)  
SP-14 07/01/2002 4 . 4 . 0 [get it](#)  
SP-17 24/09/2002 4 . 5 . 0 [get it](#)

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

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

# 3GPP specification status

Page 178

02 December 2002 20:51:04

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

---

## TS 23.003 Numbering, Addressing and Identification

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-11	02/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-12	27/06/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
NP-13	03/10/2001	4	.	2	.	0	<a href="#">get it</a>
NP-14	11/01/2002	4	.	3	.	0	<a href="#">get it</a>
NP-16	21/06/2002	4	.	4	.	0	<a href="#">get it</a>
NP-17	17/09/2002	4	.	5	.	0	<a href="#">get it</a>

---

## TS 23.007 Restoration procedures

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-11	04/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
corrects	24/06/2002	4	.	0	.	1	<a href="#">get it</a> <i>remarks - this release:</i>
NP-16	21/06/2002	4	.	1	.	0	<a href="#">get it</a>
corrects	24/09/2002	4	.	1	.	1	<a href="#">get it</a>

---

## TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-11	28/03/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-12	27/06/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
NP-16	21/06/2002	4	.	2	.	0	<a href="#">get it</a>

---

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

# 3GPP specification status

Page 179

02 December 2002 20:51:05

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

---

<b>TS 23.009</b>	<b>Handover procedures</b>				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-12 06/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	NP-13 05/10/2001 4 . 2 . 0	<a href="#">get it</a>			
	NP-14 08/01/2002 4 . 3 . 0	<a href="#">get it</a>			
	NP-16 20/06/2002 4 . 4 . 0	<a href="#">get it</a>			
	NP-17 17/09/2002 4 . 5 . 0	<a href="#">get it</a>			

---

<b>TS 23.011</b>	<b>Technical realization of Supplementary Services</b>				
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	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	corrects 24/06/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		

---

<b>TS 23.012</b>	<b>Location management procedures</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

---

<b>TS 23.014</b>	<b>Support of Dual Tone Multi Frequency (DTMF) signalling</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Should not be in UMTS ????		
	NP-17 17/09/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		

---

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

# 3GPP specification status

Page 180

02 December 2002 20:51:05

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

---

**TS 23.015 Technical realisation of Operator Determined Barring (ODB)**

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

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

*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0  
corrects 24/06/2002 4 . 0 . 1

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

---

**TS 23.016 Subscriber data management; Stage 2**

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-11 30/03/2001 4 . 0 . 0  
NP-15 28/03/2002 4 . 1 . 0  
NP-16 21/06/2002 4 . 2 . 0  
NP-17 17/09/2002 4 . 3 . 0

[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:* 4.6.0  
*freeze\_meeting:* SP-11

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

*history (event, available, version,*  
NP-09 25/10/2000 4 . 0 . 0  
NP-10 21/12/2000 4 . 1 . 0  
NP-11 06/04/2001 4 . 2 . 0  
NP-12 27/06/2001 4 . 3 . 0  
NP-13 03/10/2001 4 . 4 . 0  
NP-14 16/01/2002 4 . 5 . 0  
NP-15 28/03/2002 4 . 6 . 0

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

---

**TS 23.032 Universal Geographical Area Description (GAD)**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S2 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation  
SULTAN, Alain

*history (event, available, version,*  
SP-11 11/04/2001 4 . 0 . 0

[get it](#) *remarks - general:* S2 responsibility?  
*remarks - this release:*

---

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

# 3GPP specification status

Page 181

02 December 2002 20:51:05

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

---

<b>TS 23.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRION RODRIGO, NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> Inmaculada JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-11 11/04/2001 4 . 0 . 0		<i>remarks - this release:</i>		
<hr/>					
<b>TS 23.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new	
	<i>freeze_meeting:</i> SP-16	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice	One	
	<i>history (event, available, version,</i>	<a href="#">get it</a>	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).		
	SP-16 24/06/2002 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-16: takes over from 43.035 Rel-4		
	SP-17 18/09/2002 4 . 1 . 0				
<hr/>					
<b>TS 23.038</b>	<b>Alphabets and language-specific information</b>				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>	<a href="#">get it</a>	<i>remarks - general:</i>		
	TP-08 23/06/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> based on 3.3.0		
	TP-10 03/01/2001 4 . 1 . 0	<a href="#">get it</a>			
	TP-11 29/03/2001 4 . 2 . 0	<a href="#">get it</a>			
	TP-13 03/10/2001 4 . 3 . 0	<a href="#">get it</a>			
	TP-14 11/01/2002 4 . 4 . 0	<a href="#">get it</a>			
<hr/>					
<b>TR 23.039</b>	<b>Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>	<a href="#">get it</a>	<i>remarks - general:</i>		
	TP-11 02/04/2001 4 . 0 . 0		<i>remarks - this release:</i>		

---

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

# 3GPP specification status

Page 182

02 December 2002 20:51:05

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

## TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.7.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

TP-08 23/06/2000 4 . 0 . 0  
TP-09 11/10/2000 4 . 1 . 0  
TP-11 29/03/2001 4 . 2 . 0  
TP-12 02/07/2001 4 . 3 . 0  
TP-13 03/10/2001 4 . 4 . 0  
TP-14 11/01/2002 4 . 5 . 0  
TP-15 21/03/2002 4 . 6 . 0  
TP-16 25/06/2002 4 . 7 . 0

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

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

TP-11 06/04/2001 4 . 0 . 0  
TP-12 04/07/2001 4 . 1 . 0  
TP-14 11/01/2002 4 . 2 . 0  
TP-16 02/07/2002 4 . 3 . 0

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

## TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

TP-11 06/04/2001 4 . 0 . 0  
include test vector 17/10/2001 4 . 0 . 1  
file

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

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

Rel-4 *current version:* 4.3.0  
*freeze\_meeting:* TP-12  
*history (event, available, version,*

*WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*G: yes U: yes* *MCC:* DIETZE, Claus

TP-12 06/07/2001 4 . 0 . 0  
TP-13 12/10/2001 4 . 1 . 0  
TP-14 17/01/2002 4 . 2 . 0  
TP-15 28/03/2002 4 . 3 . 0

[get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

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

# 3GPP specification status

Page 183

02 December 2002 20:51:06

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

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* No draft.  
SP-11 29/03/2001 4 . 0 . 0 [get it](#) *remarks - this release:*  
edito 01/10/2001 4 . 0 . 1 [get it](#)

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-10 22/12/2000 4 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.  
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-12 05/07/2001 4 . 2 . 0 [get it](#)  
TP-13 05/10/2001 4 . 3 . 0 [get it](#)  
include fig 5 18/10/2001 4 . 3 . 1 [get it](#)  
TP-14 16/01/2002 4 . 4 . 0 [get it](#)  
TP-15 25/03/2002 4 . 5 . 0 [get it](#)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* SULTAN, Alain  
*history (event, available, version,*  
SP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-13 12/10/2001 4 . 2 . 0 [get it](#)  
SP-14 08/01/2002 4 . 3 . 0 [get it](#)  
edito 4 . 3 . 1 [get it](#)  
SP-15 05/04/2002 4 . 4 . 0 [get it](#)  
SP-16 17/06/2002 4 . 5 . 0 [get it](#)  
SP-17 02/10/2002 4 . 6 . 0 [get it](#)

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



# 3GPP specification status

Page 184

02 December 2002 20:51:06

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

<b>TS 23.066</b>	<b>Support of GSM Mobile Number Portability (MNP) stage 2</b>					
Rel-4	current version: 4.0.1	WG (prime / other): N4 / -	rapporteur: LOPEZ SORIA, Luis	Telefon AB LM Ericsson		
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4, CR at TSG#5		
	corrects 24/06/2002 4 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<b>TS 23.067</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>					
Rel-4	current version: 4.1.1	WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG		
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-10 21/12/2000 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	NP-12 27/06/2001 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	corrects 24/06/2002 4 . 1 . 1	<a href="#">get it</a>				
<b>TS 23.072</b>	<b>Call Deflection Supplementary Service; Stage 2</b>					
Rel-4	current version: 4.0.1	WG (prime / other): N4 / -	rapporteur: CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	corrects 24/06/2002 4 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<b>TS 23.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2</b>					
Rel-4	current version: 4.6.1	WG (prime / other): N2 / -	rapporteur: HOMANN, Christian	ALCATEL SEL AG		
	freeze_meeting: SP-11	G: yes U: yes	MCC: JURISIC, Andrijana			
	history (event, available, version,					
	NP-11 02/04/2001 4 . 0 . 0	<a href="#">get it</a>	remarks - general:	CR at TSG#4,CR at TSG#5		
	NP-12 29/06/2001 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	Phase 3.		
	NP-13 03/10/2001 4 . 2 . 0	<a href="#">get it</a>				
	NP-14 04/01/2002 4 . 3 . 0	<a href="#">get it</a>				
	NP-15 19/03/2002 4 . 4 . 0	<a href="#">get it</a>				
	NP-16 17/06/2002 4 . 5 . 0	<a href="#">get it</a>				
	post NP-16 edito 19/06/2002 4 . 5 . 1	<a href="#">get it</a>				
	NP-17 17/09/2002 4 . 6 . 0	<a href="#">get it</a>				
	editorial correction 14/11/2002 4 . 6 . 1	<a href="#">get it</a>				
	to cover page		minor correction, no need for SDO publication			

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

# 3GPP specification status

Page 185

02 December 2002 20:51:06

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

---

<b>TS 23.079</b>	<b>Support of Optimal Routeing (SOR); Technical realization; Stage 2</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11		Chalmers			
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 21/06/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 23.081</b>	<b>Line Identification supplementary services; Stage 2</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-17 17/09/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 23.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-12 27/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	NP-13 03/10/2001 4 . 2 . 0	<a href="#">get it</a>				
	NP-16 21/06/2002 4 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 23.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-09 26/10/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-11 30/03/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	inclusion of 24/04/2001 4 . 2 . 0	<a href="#">get it</a>				
	missed CR					
	NP-14 10/01/2002 4 . 3 . 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 186

02 December 2002 20:51:07

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

---

<b>TS 23.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-11	30/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
<b>TS 23.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-11	04/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
<b>TS 23.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-11	04/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
<b>TS 23.087</b>	<b>User-to-User Signalling (UUS) supplementary service; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-11	04/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
<b>TS 23.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 2</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-11	04/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

---

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

# 3GPP specification status

Page 187

02 December 2002 20:51:07

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

---

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

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

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

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

---

**TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 30/03/2001 4 . 0 . 0  
NP-17 17/09/2002 4 . 1 . 0

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

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

---

**TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2**

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

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

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

---

**TS 23.094 Follow Me Stage 2**

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

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

[get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5  
*remarks - this release:*

---

**TS 23.096 Name Identification Supplementary Service; Stage 2**

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

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

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

---

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

# 3GPP specification status

Page 188

02 December 2002 20:51:07

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

---

<b>TS 23.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Stage 2</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5		
			<i>remarks - this release:</i>		
<hr/>					
<b>TS 23.101</b>	<b>General UMTS Architecture</b>				
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> SULTAN, Alain		
	<i>history (event, available, version,</i>				
	SP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>				
	SP-10 22/12/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 23.907		
	SP-12 29/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-13 12/10/2001 4 . 2 . 0	<a href="#">get it</a>			
	SP-14 07/01/2002 4 . 3 . 0	<a href="#">get it</a>			
	SP-15 07/04/2002 4 . 4 . 0	<a href="#">get it</a>			
	SP-17 24/09/2002 4 . 5 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 23.108</b>	<b>Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)</b>				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-11 11/04/2001 4 . 0 . 0 NP-15 withdrawn	<a href="#">get it</a>	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.		
	post NP-16 28/06/2002 4 . 0 . 1 update history table	<a href="#">get it</a>	<i>remarks - this release:</i> 2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.		

---

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

# 3GPP specification status

Page 189

02 December 2002 20:51:07

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

---

<b>TS 23.110</b>	<b>UMTS Access Stratum Services and Functions</b>				
Rel-4	current version: 4.0.0	WG (prime / other): S2 / -	rapporteur: LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
	freeze_meeting: SP-11	G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version, SP-11 11/04/2001 4 . 0 . 0		<a href="#">get it</a>	remarks - general: remarks - this release:	
<hr/>					
<b>TS 23.116</b>	<b>Super-Charger technical realization; Stage 2</b>				
Rel-4	current version: 4.2.0	WG (prime / other): N4 / -	rapporteur: ALLEN, Nicholas	Indicate persons who left Company and wait for new One	
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0 NP-12 27/06/2001 4 . 1 . 0 NP-14 10/01/2002 4 . 2 . 0		<a href="#">get it</a>	remarks - general: New after TSG#5 remarks - this release:	
<hr/>					
<b>TS 23.119</b>	<b>Gateway Location Register (GLR); Stage2</b>				
Rel-4	current version: 4.0.0	WG (prime / other): N4 / -	rapporteur: SAWADA, Masahiro	NTT DoCoMo Inc.	
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, NP-11 04/04/2001 4 . 0 . 0		<a href="#">get it</a>	remarks - general: New after TSG#5 remarks - this release:	
<hr/>					
<b>TS 23.122</b>	<b>Non-Access-Stratum functions related to Mobile Station (MS) in idle mode</b>				
Rel-4	current version: 4.2.0	WG (prime / other): N1 / -	rapporteur: HIETALAHTI, Hannu	NOKIA Corporation	
	freeze_meeting: SP-11	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 NP-12 05/07/2001 4 . 1 . 0 NP-17 17/09/2002 4 . 2 . 0		<a href="#">get it</a>	remarks - general: remarks - this release:	

---

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

# 3GPP specification status

Page 190

02 December 2002 20:51:08

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

---

<b>TS 23.127</b>	<b>Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2</b>								
Rel-4	current version: 4.3.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-11	G:	U: yes	MCC:	SULTAN, Alain				
history (event, available, version,									
SP-09	06/11/2000	4	. 0	. 0	<a href="#">get it</a>	remarks - general:	Sept 00: "Open Service Architecture" removed from title.		
SP-11	06/04/2001	4	. 1	. 0	<a href="#">get it</a>	remarks - this release:			
SP-12	29/06/2001	4	. 2	. 0	<a href="#">get it</a>				
SP-15	05/04/2002	4	. 3	. 0	<a href="#">get it</a>				
<hr/>									
<b>TS 23.135</b>	<b>Multicall supplementary service; Stage 2</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-09	25/10/2000	4	. 0	. 0	<a href="#">get it</a>	remarks - general:			
						remarks - this release:			
<hr/>									
<b>TS 23.140</b>	<b>Multimedia Messaging Service (MMS); Functional description; Stage 2</b>								
Rel-4	current version: 4.8.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
history (event, available, version,									
TP-09	06/10/2000	4	. 0	. 0	<a href="#">get it</a>	remarks - general:			
TP-10	21/12/2000	4	. 1	. 0	<a href="#">get it</a>	remarks - this release:			
TP-11	29/03/2001	4	. 2	. 0	<a href="#">get it</a>				
TP-12	03/07/2001	4	. 3	. 0	<a href="#">get it</a>				
TP-13	05/10/2001	4	. 4	. 0	<a href="#">get it</a>				
TP-14	11/01/2002	4	. 5	. 0	<a href="#">get it</a>				
TP-15	21/03/2002	4	. 6	. 0	<a href="#">get it</a>				
TP-16	25/06/2002	4	. 7	. 0	<a href="#">get it</a>				
TP-17	23/09/2002	4	. 8	. 0	<a href="#">get it</a>				

---

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

# 3GPP specification status

Page 191

02 December 2002 20:51:08

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

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-06	17/12/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-07	17/03/2000	1	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available!"
N3-10	25/05/2000	2	.	0	.	0	<a href="#">get it</a>
NP-08	23/06/2000	4	.	0	.	0	<a href="#">get it</a>
NP-09	12/10/2000	4	.	1	.	0	<a href="#">get it</a>

## TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson  
*freeze\_meeting:* SP-10 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

draft	14/01/2000	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> New after TSG#5
NP-07	21/11/2000	2	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> argument in SA over r99 or r00] concl: not approved
NP-10		2	.	3	.	0	NP-000653
NP-10	09/01/2001	4	.	0	.	0	<a href="#">get it</a>
NP-11	04/04/2001	4	.	1	.	0	<a href="#">get it</a>
NP-12	27/06/2001	4	.	2	.	0	<a href="#">get it</a>
NP-13	03/10/2001	4	.	3	.	0	<a href="#">get it</a>
NP-14	10/01/2002	4	.	4	.	0	<a href="#">get it</a>
NP-17	18/09/2002	4	.	5	.	0	<a href="#">get it</a>

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N4 / - *rapporteur:* GARCIA-MENDIVE, Elena Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-10	12/01/2001	1	.	0	.	1	N4-001104 <a href="#">get it</a> <i>remarks - general:</i> 2000-10: Rap change from Keutmann.
NP-11	30/03/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
NP-12	06/07/2001	4	.	1	.	0	<a href="#">get it</a>
NP-13	03/10/2001	4	.	2	.	0	<a href="#">get it</a>
NP-14	10/01/2002	4	.	3	.	0	<a href="#">get it</a>
NP-15	28/03/2002	4	.	4	.	0	<a href="#">get it</a>
NP-16	21/06/2002	4	.	5	.	0	<a href="#">get it</a>
NP-17	18/09/2002	4	.	6	.	0	<a href="#">get it</a>

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



# 3GPP specification status

Page 192

02 December 2002 20:51:08

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

## TS 23.221 Architectural requirements

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* SULTAN, Alain  
*history (event, available, version,*  
draft 07/11/2000 0 . 0 . 5 [get it](#) *remarks - general:* Derived from R99-specific 23.121  
SP-10 31/01/2001 1 . 0 . 0 SP-000595 [get it](#) *remarks - this release:*  
draft 01/02/2001 1 . 1 . 0 [get it](#)  
SP-11 06/04/2001 4 . 0 . 0 [get it](#)  
SP-12 02/07/2001 4 . 1 . 0 [get it](#)  
SP-16 18/06/2002 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
draft 06/09/2000 0 . 1 . 0 [get it](#) *remarks - general:*  
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - this release:*  
TP-14 11/01/2002 4 . 1 . 0 [get it](#)  
TP-15 26/03/2002 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* SULTAN, Alain  
*history (event, available, version,*  
draft 10/07/2000 0 . 1 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.  
draft 14/09/2000 0 . 2 . 0 [get it](#) *remarks - this release:* post-TSG#8: Recombined 2G and 3G spec.  
SP-09 09/11/2000 1 . 0 . 0 [get it](#)  
draft 22/11/2000 1 . 1 . 0 [get it](#)  
SP-10 27/02/2001 4 . 0 . 0 SP-000596 [get it](#)  
SP-10 27/02/2001 4 . 0 . 0 [get it](#)  
SP-11 11/04/2001 4 . 1 . 0 [get it](#)  
SP-12 02/07/2001 4 . 2 . 0 [get it](#)  
SP-13 15/10/2001 4 . 3 . 0 [get it](#)  
SP-14 07/01/2002 4 . 4 . 0 [get it](#)  
SP-15 29/03/2002 4 . 5 . 0 [get it](#)  
SP-16 18/06/2002 4 . 6 . 0 [get it](#)  
SP-17 24/09/2002 4 . 7 . 0 [get it](#)

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

# 3GPP specification status

Page 193

02 December 2002 20:51:09

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

---

<b>TR 23.821</b>	<b>Architecture Principles for Release 2000</b>					
Rel-4	<i>current version:</i> 1.0.1	DRAFT	<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		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SULTAN, Alain	
	<i>history (event, available, version,</i>		<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5		
	SP-08 28/06/2000 1 . 0 . 1			<i>remarks - this release:</i>		
<hr/>						
<b>TR 23.873</b>	<b>Feasibility study fro transport and control separation in the PS CN domain</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> IBANEZ, Juan-Antonio	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SULTAN, Alain	
	<i>history (event, available, version,</i>		<a href="#">get it</a>	<i>remarks - general:</i>		
	draft 12/09/2000 0 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	draft 08/11/2000 0 . 3 . 0		<a href="#">get it</a>			
	draft 20/11/2000 0 . 4 . 0		<a href="#">get it</a>			
	SP-10 31/01/2001 1 . 0 . 0		<a href="#">get it</a>			
	draft 30/12/2000 1 . 1 . 0		<a href="#">get it</a>			
	SP-11 11/04/2001 4 . 0 . 0		<a href="#">get it</a>			
<hr/>						
<b>TR 23.874</b>	<b>Feasibility study of architecture for network requested PDP context activation with User-ID</b>					
Rel-4	<i>current version:</i> 1.3.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KITADA, Yoshinori	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SULTAN, Alain	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
	SP-09 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .		
	draft 08/11/2000 1 . 2 . 0		<a href="#">get it</a>			
	draft 24/11/2000 1 . 3 . 0					

---

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

# 3GPP specification status

Page 194

02 December 2002 20:51:09

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

---

<b>TR 23.907</b>	<b>Quality of Service (QoS) concept</b>								
Rel-4	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> VACANT,					
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	draft 15/11/1998	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	draft 15/01/1999	0 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .				
	draft 15/04/1999	0 . 3 . 0		<a href="#">get it</a>					
	draft 30/04/1999	0 . 4 . 0		<a href="#">get it</a>					
	draft 15/05/1999	0 . 5 . 0		<a href="#">get it</a>					
	S2-05 30/05/1999	1 . 0 . 0		<a href="#">get it</a>					
	draft 30/06/1999	1 . 1 . 0		<a href="#">get it</a>					
	draft 15/07/1999	1 . 2 . 0		<a href="#">get it</a>					

---

<b>TR 23.908</b>	<b>Technical report on Pre-Paging</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

---

<b>TR 23.909</b>	<b>Technical report on the Gateway Location Register</b>								
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			Chalmers					
	<i>history (event, available, version,</i>		<i>G:</i> yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	NP-11 04/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

---

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

# 3GPP specification status

Page 195

02 December 2002 20:51:09

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

---

<b>TR 23.910</b>	<b>Circuit switched data bearer services</b>					
Rel-4	current version: 4.5.0	WG (prime / other):	N3 / -	rapporteur:	WIJK, Rune Werner	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	NP-09 18/10/2000			<a href="#">get it</a>	remarks - general:	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
	edito 24/10/2000			<a href="#">get it</a>	remarks - this release:	
	NP-10 22/12/2000			<a href="#">get it</a>		
	NP-11 06/04/2001			<a href="#">get it</a>		
	NP-12 28/06/2001			<a href="#">get it</a>		
	NP-14 11/01/2002			<a href="#">get it</a>		
	NP-17 17/09/2002			<a href="#">get it</a>		

---

<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-11 04/04/2001			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	

---

<b>TR 23.912</b>	<b>Technical report on Super-Charger</b>					
Rel-4	current version: 4.1.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-11 04/04/2001			<a href="#">get it</a>	remarks - general:	
	NP-14 10/01/2002			<a href="#">get it</a>	remarks - this release:	

---

<b>TR 23.925</b>	<b>UMTS Core network based ATM transport</b>					
Rel-4	current version: none	WG (prime / other):	S2 / -	rapporteur:	ROUZ, Adel	FUJITSU Laboratories of Europe Limited
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	SULTAN, Alain	
	history (event, available, version,					
					remarks - general:	Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.
					remarks - this release:	

---

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

# 3GPP specification status

Page 196

02 December 2002 20:51:09

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

---

**TR 23.930** **Iu Principles**  
Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 11/04/2001 4 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND  
*G:* U: yes *MCC:* SULTAN, Alain

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

---

Rel-4 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](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:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 06/04/2001 4 . 0 . 0

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

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

---

---

**TS 24.007** **Mobile radio interface signalling layer 3; General Aspects**  
Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 11/04/2001 4 . 0 . 0  
NP-14 04/01/2002 4 . 1 . 0  
NP-16 24/06/2002 4 . 2 . 0

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

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

---

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

# 3GPP specification status

Page 197

02 December 2002 20:51:10

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

---

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*

NP-09	12/10/2000	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to
NP-10	03/01/2001	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	be resolved till Jun00.
edito	09/01/2001	4	.	1	.	1	<a href="#">get it</a>		
NP-11	06/04/2001	4	.	2	.	0	<a href="#">get it</a>		
edito	06/07/2001	4	.	2	.	1	<a href="#">get it</a>		replaces missing section of table
NP-12	13/07/2001	4	.	3	.	0	<a href="#">get it</a>		
NP-13	04/10/2001	4	.	4	.	0	<a href="#">get it</a>		
NP-14	09/01/2002	4	.	5	.	0	<a href="#">get it</a>		
NP-15	21/03/2002	4	.	6	.	0	<a href="#">get it</a>		
NP-16	24/06/2002	4	.	7	.	0	<a href="#">get it</a>		
NP-17	17/09/2002	4	.	8	.	0	<a href="#">get it</a>		

---

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* Peter Skov KYMALAINEN, Kimmo

*history (event, available, version,*

NP-11	30/03/2001	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
NP-13	03/10/2001	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
NP-14	10/01/2002	4	.	2	.	0	<a href="#">get it</a>		

---

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

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-11 *G:* yes *U:* yes *MCC:* Peter Skov JORGENSEN, Per Johan

*history (event, available, version,*

NP-11	06/04/2001	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4
NP-15	19/03/2002	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
fix headers,	28/06/2002	4	.	1	.	1	<a href="#">get it</a>		

restore missing figure

---

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

# 3GPP specification status

Page 198

02 December 2002 20:51:10

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

---

<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and teleservices</b>						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David				
<i>history (event, available, version,</i>	NP-11 06/04/2001 4 . 0 . 0						
		<a href="#">get it</a>	<i>remarks - general:</i>	CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link			
			<i>remarks - this release:</i>	Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and			
				the Base Station System - Mobile-services Switching Centre (BSS-MSC)			
<hr/>							
<b>TS 24.030</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>	NP-11 30/03/2001 4 . 0 . 0						
	NP-12 27/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.			
	NP-14 10/01/2002 4 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>				
		<a href="#">get it</a>					
<hr/>							
<b>TS 24.067</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0						
	NP-12 27/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
		<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>							
<b>TS 24.072</b>	<b>Call Deflection Supplementary Service; Stage 3</b>						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0						
	corrects 24/06/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>				
		<a href="#">get it</a>	<i>remarks - this release:</i>				

---

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

# 3GPP specification status

Page 199

02 December 2002 20:51:10

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

---

<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	NP-12 04/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>				
	NP-14 10/01/2002 4 . 2 . 0	<a href="#">get it</a>					
	NP-16 21/06/2002 4 . 3 . 0	<a href="#">get it</a>					

---

<b>TS 24.081</b>	<b>Line Identification Supplementary Service; Stage 3</b>						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	corrects 24/06/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>				

---

<b>TS 24.082</b>	<b>Call Forwarding supplementary service; Stage 3</b>						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	correct references 25/06/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>				

---

<b>TS 24.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3</b>						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	correct references 25/06/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>				

---

<b>TS 24.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 3</b>						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
	correct references 25/06/2002 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>				

---

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



# 3GPP specification status

Page 200

02 December 2002 20:51:10

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

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

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1

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

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

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1

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

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

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1

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

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

Rel-4 *current version:* 4.0.2  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1  
correct history 23/07/2002 4 . 0 . 2

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

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

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* BRUSS, Jörg  
*G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
ERICSSON Eurolab Deutschland GmbH  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

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

# 3GPP specification status

Page 201

02 December 2002 20:51:11

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

---

## TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1

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

---

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

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1

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

---

## TS 24.096 Name Identification Supplementary Service; Stage 3

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0  
correct references 25/06/2002 4 . 0 . 1

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

---

## TS 24.135 Multicall supplementary service; Stage 3

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

*WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo  
*G:* *U:* yes *MCC:* KYMALAINEN, Kimmo  
NTT COMWARE Corporation  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

Rel-4 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

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

# 3GPP specification status

Page 202

02 December 2002 20:51:11

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

---

## TS 25.101 UE Radio transmission and reception (FDD)

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

---

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

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-17	02/10/2002	4	.	6	.	0

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

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

---

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

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0

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

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

---

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

# 3GPP specification status

Page 203

02 December 2002 20:51:11

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

---

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

Rel-4 current version: 4.5.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0

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

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

---

## TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

history (event, available, version,

Start of work	01/08/2000	0	.	0	.	1
RP-09	13/10/2000	1	.	0	.	0
RP-10	21/12/2000	1	.	1	.	0
RP-11	10/04/2001	4	.	0	.	0
RP-13	10/10/2001	4	.	1	.	0
RP-16	01/07/2002	4	.	2	.	0
RP-17	02/10/2002	4	.	3	.	0

RP-000596

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

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

---

## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-17	02/10/2002	4	.	3	.	0

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

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

---

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

# 3GPP specification status

Page 204

02 December 2002 20:51:12

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

---

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 10/10/2001 4 . 2 . 0 [get it](#)  
RP-14 16/01/2002 4 . 3 . 0 [get it](#)  
RP-15 29/03/2002 4 . 4 . 0 [get it](#)  
RP-16 03/07/2002 4 . 5 . 0 [get it](#)  
RP-17 10/10/2002 4 . 6 . 0 [get it](#)

---

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.  
*freeze\_meeting:* RP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 10/10/2001 4 . 2 . 0 [get it](#)  
RP-14 17/01/2002 4 . 3 . 0 [get it](#)  
RP-15 29/03/2002 4 . 4 . 0 [get it](#)  
RP-16 04/07/2002 4 . 5 . 0 [get it](#)  
RP-17 04/10/2002 4 . 6 . 0 [get it](#)

---

## TS 25.141 Base station conformance testing (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 03/10/2001 4 . 2 . 0 [get it](#)  
RP-14 16/01/2002 4 . 3 . 0 [get it](#)  
RP-15 02/04/2002 4 . 4 . 0 [get it](#)  
RP-16 04/07/2002 4 . 5 . 0 [get it](#)  
RP-17 04/10/2002 4 . 6 . 0 [get it](#)

---

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

# 3GPP specification status

Page 205

02 December 2002 20:51:12

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

## TS 25.142 Base station conformance testing (TDD)

Rel-4 current version: 4.6.0  
freeze\_meeting: SP-11  
history (event, available, version,

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

RP-11 10/04/2001 4 . 0 . 0  
RP-12 29/06/2001 4 . 1 . 0  
RP-13 10/10/2001 4 . 2 . 0  
RP-14 16/01/2002 4 . 3 . 0  
RP-15 29/03/2002 4 . 4 . 0  
RP-16 04/07/2002 4 . 5 . 0  
RP-17 04/10/2002 4 . 6 . 0

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

## TS 25.143 UTRA repeater; Conformance testing

Rel-4 current version: 4.5.0  
freeze\_meeting: RP-11  
history (event, available, version,

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

Start of work 01/08/2000 0 . 0 . 0  
RP-09 12/10/2000 0 . 0 . 2  
RP-10 21/12/2000 1 . 0 . 0 RP-000671  
RP-11 10/04/2001 4 . 0 . 0  
RP-12 29/06/2001 4 . 1 . 0  
RP-13 10/10/2001 4 . 2 . 0  
RP-15 19/03/2002 4 . 3 . 0  
RP-16 03/07/2002 4 . 4 . 0  
RP-17 02/10/2002 4 . 5 . 0

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

## TS 25.201 Physical layer - general description

Rel-4 current version: 4.3.0  
freeze\_meeting: SP-11  
history (event, available, version,

WG (prime / other): R1 / - rapporteur: TOSKALA, Antti NOKIA Corporation  
G: U: yes MCC: SASAKI, Tsukasa

RP-11 05/04/2001 4 . 0 . 0  
RP-14 09/01/2002 4 . 1 . 0  
RP-15 29/03/2002 4 . 2 . 0  
RP-16 28/06/2002 4 . 3 . 0

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

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

# 3GPP specification status

Page 206

02 December 2002 20:51:12

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

---

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* WILDE, Andreas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

*history (event, available, version,*

RP-11	05/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-12	28/06/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
RP-13	08/10/2001	4	.	2	.	0	<a href="#">get it</a>
RP-14	09/01/2002	4	.	3	.	0	<a href="#">get it</a>
RP-15	29/03/2002	4	.	4	.	0	<a href="#">get it</a>
RP-16	28/06/2002	4	.	5	.	0	<a href="#">get it</a>
RP-17	27/09/2002	4	.	6	.	0	<a href="#">get it</a>

---

## TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* TANAKA, Yos hinori Fujitsu Limited  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

*history (event, available, version,*

RP-11	05/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-12	28/06/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
RP-13	08/10/2001	4	.	2	.	0	<a href="#">get it</a>
RP-14	09/01/2002	4	.	3	.	0	<a href="#">get it</a>
RP-15	29/03/2002	4	.	4	.	0	<a href="#">get it</a>
RP-16	28/06/2002	4	.	5	.	0	<a href="#">get it</a>
RP-17	27/09/2002	4	.	6	.	0	<a href="#">get it</a>

---

## TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa

*history (event, available, version,*

RP-11	05/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-12	28/06/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
RP-14	09/01/2002	4	.	2	.	0	<a href="#">get it</a>
RP-16	28/06/2002	4	.	3	.	0	<a href="#">get it</a>

---

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

# 3GPP specification status

Page 207

02 December 2002 20:51:13

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

---

<b>TS 25.214</b>	<b>Physical layer procedures (FDD)</b>					
Rel-4	current version: 4.5.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu	NEC Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	SASAKI, Tsukasa	
	history (event, available, version,					
	RP-11 05/04/2001			<a href="#">get it</a>	remarks - general:	
	RP-12 28/06/2001			<a href="#">get it</a>	remarks - this release:	
	RP-13 08/10/2001			<a href="#">get it</a>		
	RP-14 09/01/2002			<a href="#">get it</a>		
	RP-15 29/03/2002			<a href="#">get it</a>		
	RP-17 27/09/2002			<a href="#">get it</a>		

---

<b>TS 25.215</b>	<b>Physical layer; Measurements (FDD)</b>					
Rel-4	current version: 4.5.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu	NEC Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	SASAKI, Tsukasa	
	history (event, available, version,					
	RP-11 05/04/2001			<a href="#">get it</a>	remarks - general:	
	RP-12 28/06/2001			<a href="#">get it</a>	remarks - this release:	
	RP-13 08/10/2001			<a href="#">get it</a>		
	RP-14 09/01/2002			<a href="#">get it</a>		
	RP-15 29/03/2002			<a href="#">get it</a>		
	RP-17 27/09/2002			<a href="#">get it</a>		

---

<b>TS 25.221</b>	<b>Physical channels and mapping of transport channels onto physical channels (TDD)</b>					
Rel-4	current version: 4.6.0	WG (prime / other):	R1 / -	rapporteur:	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd
	freeze_meeting: SP-11	G:	U: yes	MCC:	SASAKI, Tsukasa	
	history (event, available, version,					
	RP-11 05/04/2001			<a href="#">get it</a>	remarks - general:	
	RP-12 28/06/2001			<a href="#">get it</a>	remarks - this release:	
	RP-13 08/10/2001			<a href="#">get it</a>		
	RP-14 09/01/2002			<a href="#">get it</a>		
	RP-15 29/03/2002			<a href="#">get it</a>		
	RP-16 28/06/2002			<a href="#">get it</a>		
	RP-17 27/09/2002			<a href="#">get it</a>		

---

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



# 3GPP specification status

Page 208

02 December 2002 20:51:13

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

---

## TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	05/04/2001	4	.	0	.	0
RP-13	08/10/2001	4	.	1	.	0
RP-14	09/01/2002	4	.	2	.	0
RP-15	29/03/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0

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

Nokia Japan Co. Ltd

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

---

## TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0

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

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

---

## TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	27/09/2002	4	.	6	.	0

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

SIEMENS AG

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

---

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

# 3GPP specification status

Page 209

02 December 2002 20:51:13

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

---

## TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0

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

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

---

## TS 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-14	04/01/2002	4	.	2	.	0
RP-16	17/06/2002	4	.	3	.	0
RP-17	18/09/2002	4	.	4	.	0

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

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

---

## TS 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	02/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16	17/06/2002	4	.	5	.	0
RP-17	18/09/2002	4	.	6	.	0

*WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* V3.0.0 approved via e-mail July 99 CR at TSG#5?  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

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

# 3GPP specification status

Page 210

02 December 2002 20:51:14

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

---

<b>TS 25.303</b>	<b>Interlayer procedures in Connected Mode</b>						
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,						
	RP-11 27/03/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	RP-12 19/06/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	RP-13 02/10/2001	4 . 2 . 0	<a href="#">get it</a>				
	RP-14 04/01/2002	4 . 3 . 0	<a href="#">get it</a>				
	RP-15 19/03/2002	4 . 4 . 0	<a href="#">get it</a>				
	RP-16 17/06/2002	4 . 5 . 0	<a href="#">get it</a>				

---

<b>TS 25.304</b>	<b>UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode</b>						
Rel-4	current version: 4.5.0	WG (prime / other):	R2 / -	rapporteur:	MAHKONEN, Marko	NOKIA Corporation	
	freeze_meeting: SP-11	G:	U: yes	MCC:	ARZELIER, Claude		
	history (event, available, version,						
	RP-11 27/03/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	RP-12 27/06/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	RP-13 02/10/2001	4 . 2 . 0	<a href="#">get it</a>				
	RP-14 04/01/2002	4 . 3 . 0	<a href="#">get it</a>				
	RP-15 19/03/2002	4 . 4 . 0	<a href="#">get it</a>				
	RP-16 17/06/2002	4 . 5 . 0	<a href="#">get it</a>				

---

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

---

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

# 3GPP specification status

Page 211

02 December 2002 20:51:14

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

---

## TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	02/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16	17/06/2002	4	.	5	.	0

*)*

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

[get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.  
[get it](#) *remarks - this release:*

---

## TS 25.307 Requirements on UEs supporting a release-independent frequency band

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* RP-13  
*history (event, available, version,*

RP-13	02/10/2001	4	.	0	.	0
RP-14	04/01/2002	4	.	1	.	0

*)*

WG (prime / other): R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
G: U: yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling  
[get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. requirements, R4 = RF &

RMM requirements.

---

## TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* RP-11  
*history (event, available, version,*

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	02/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16	17/06/2002	4	.	5	.	0
RP-17	18/09/2002	4	.	6	.	0

*)*

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

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

---

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

# 3GPP specification status

Page 212

02 December 2002 20:51:14

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

---

## TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

RP-11 27/03/2001 4 . 0 . 0  
RP-12 19/06/2001 4 . 1 . 0  
RP-13 03/10/2001 4 . 2 . 0  
RP-14 04/01/2002 4 . 3 . 0  
RP-15 19/03/2002 4 . 4 . 0  
RP-16 17/06/2002 4 . 5 . 0  
RP-17 19/09/2002 4 . 6 . 0

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

---

## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

RP-11 27/03/2001 4 . 0 . 0  
RP-12 19/06/2001 4 . 1 . 0  
RP-13 02/10/2001 4 . 2 . 0  
RP-14 04/01/2002 4 . 3 . 0  
RP-15 19/03/2002 4 . 4 . 0  
RP-16 17/06/2002 4 . 5 . 0  
RP-17 18/09/2002 4 . 6 . 0

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

---

## TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

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

RP-11 27/03/2001 4 . 0 . 0  
RP-16 17/06/2002 4 . 1 . 0

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

---

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

# 3GPP specification status

Page 213

02 December 2002 20:51:15

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

## TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version: 4.7.0* WG (prime / other): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* ARZELIER, Claude

*history (event, available, version,*

RP-11	06/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-12	27/06/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
RP-13	08/10/2001	4	.	2	.	0	<a href="#">get it</a>
replace ASN.1	16/10/2001	4	.	2	.	1	<a href="#">get it</a>
RP-14	18/01/2002	4	.	3	.	0	<a href="#">get it</a>
RP-15	25/03/2002	4	.	4	.	0	<a href="#">get it</a>
RP-16	20/06/2002	4	.	5	.	0	<a href="#">get it</a>
RP-17	20/09/2002	4	.	6	.	0	<a href="#">get it</a>

Do not use this version: contains wrong ASN.1

Misimplemented 23/09/2002 4 . 7 . 0 v4.6.0 omitted ASN.1 in error [get it](#)  
RP-17 CR

## TS 25.401 UTRAN Overall Description

Rel-4 *current version: 4.5.0* WG (prime / other): R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

RP-11	06/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> Approval at TSG#5
RP-12	06/07/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	<a href="#">get it</a>
RP-15	02/04/2002	4	.	3	.	0	<a href="#">get it</a>
RP-16	28/06/2002	4	.	4	.	0	<a href="#">get it</a>
RP-17	30/09/2002	4	.	5	.	0	<a href="#">get it</a>

## TS 25.402 Synchronisation in UTRAN Stage 2

Rel-4 *current version: 4.5.0* WG (prime / other): R3 / - *rapporteur:* PIOLINI, Flavio Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* KRAUSE, Joern One

*history (event, available, version,*

RP-11	06/04/2001	4	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> New
RP-12	06/07/2001	4	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	<a href="#">get it</a>
RP-14	11/01/2002	4	.	3	.	0	<a href="#">get it</a>
RP-15	02/04/2002	4	.	4	.	0	<a href="#">get it</a>
RP-16	28/06/2002	4	.	5	.	0	<a href="#">get it</a>

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

# 3GPP specification status

Page 214

02 December 2002 20:51:15

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

---

## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-4 *current version:* 4.5.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	11/01/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	30/09/2002	4	.	5	.	0

*WG (prime / other):* R3 / - *rapporteur:* TOWNEND, Richard mmO2 plc  
*G:* *U:* yes *MCC:* KRAUSE, Joern

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 25.411 UTRAN Iu interface layer 1

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0

*WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG  
*G:* *U:* yes *MCC:* KRAUSE, Joern

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

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

---

## TS 25.412 UTRAN Iu interface signalling transport

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	06/04/2001	4	.	0	.	0
RP-17	30/09/2002	4	.	1	.	0

*WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited  
*G:* *U:* yes *MCC:* KRAUSE, Joern

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

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

---

## TS 25.413 UTRAN Iu interface RANAP signalling

Rel-4 *current version:* 4.6.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16	05/07/2002	4	.	5	.	0
RP-17	03/10/2002	4	.	6	.	0

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

[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

# 3GPP specification status

Page 215

02 December 2002 20:51:15

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

## TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 current version: 4.4.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

RP-13 12/10/2001 4 . 1 . 0

RP-14 14/01/2002 4 . 2 . 0

RP-15 02/04/2002 4 . 3 . 0

RP-16 28/06/2002 4 . 4 . 0

WG (prime / other): R3 / - rapporteur: COMSTOCK, David

G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

## TS 25.415 UTRAN Iu interface user plane protocols

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

RP-12 06/07/2001 4 . 1 . 0

RP-13 12/10/2001 4 . 2 . 0

RP-14 14/01/2002 4 . 3 . 0

RP-15 25/03/2002 4 . 4 . 0

RP-16 28/06/2002 4 . 5 . 0

RP-17 30/09/2002 4 . 6 . 0

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain

G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4 current version: 4.6.0

freeze\_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

RP-12 06/07/2001 4 . 1 . 0

RP-13 12/10/2001 4 . 2 . 0

RP-14 11/01/2002 4 . 3 . 0

RP-15 25/03/2002 4 . 4 . 0

RP-16 28/06/2002 4 . 5 . 0

correct vers no. 06/08/2002 4 . 5 . 1

shown on doc

RP-17 03/10/2002 4 . 6 . 0

WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn

G: U: yes MCC: KRAUSE, Joern

MOTOROLA Ltd

[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



# 3GPP specification status

Page 216

02 December 2002 20:51:16

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

<b>TS 25.420</b>	<b>UTRAN Iur Interface: General Aspects and Principles</b>					
Rel-4	current version: 4.2.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			<a href="#">get it</a>	remarks - general:	
	RP-14 11/01/2002			<a href="#">get it</a>	remarks - this release:	
	RP-15 02/04/2002			<a href="#">get it</a>		
<b>TS 25.421</b>	<b>UTRAN Iur interface Layer 1</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	BRANDT, Achim V.	SIEMENS AG
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<b>TS 25.422</b>	<b>UTRAN Iur interface signalling transport</b>					
Rel-4	current version: 4.2.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			<a href="#">get it</a>	remarks - general:	
	RP-14 11/01/2002			<a href="#">get it</a>	remarks - this release:	
edito post	RP-14 02/04/2002			<a href="#">get it</a>		
	RP-17 03/10/2002			<a href="#">get it</a>		
<b>TS 25.423</b>	<b>UTRAN Iur interface RNSAP signalling</b>					
Rel-4	current version: 4.6.0	WG (prime / other):	R3 / -	rapporteur:	RUNE, Göran	Ericsson AB
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			<a href="#">get it</a>	remarks - general:	
	RP-12 06/07/2001			<a href="#">get it</a>	remarks - this release:	
	RP-13 12/10/2001			<a href="#">get it</a>		
	RP-14 11/01/2002			<a href="#">get it</a>		
	RP-15 02/04/2002			<a href="#">get it</a>		
	RP-16 05/07/2002			<a href="#">get it</a>		
	RP-17 11/10/2002			<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 217

02 December 2002 20:51:16

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TS 25.424</b>	<b>UTRAN lur interface data transport &amp; transport signalling for CCH data streams</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> DREYON, Nicolas		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-14 11/01/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-15 02/04/2002	4 . 2 . 0	<a href="#">get it</a>				
	RP-16 28/06/2002	4 . 3 . 0	<a href="#">get it</a>				

---

<b>TS 25.425</b>	<b>UTRAN lur interface user plane protocols for CCH data streams</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> DREYON, Nicolas		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-13 12/10/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-14 11/01/2002	4 . 2 . 0	<a href="#">get it</a>				
	RP-15 02/04/2002	4 . 3 . 0	<a href="#">get it</a>				

---

<b>TS 25.426</b>	<b>UTRAN lur and lub interface data transport &amp; transport signalling for DCH data streams</b>						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> KEKKI, Sami		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-14 11/01/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-15 02/04/2002	4 . 2 . 0	<a href="#">get it</a>				
	RP-16 28/06/2002	4 . 3 . 0	<a href="#">get it</a>				
	RP-17 03/10/2002	4 . 4 . 0	<a href="#">get it</a>				

---

<b>TS 25.427</b>	<b>UTRAN lur and lub interface user plane protocols for DCH data streams</b>						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R3 / -		<i>rapporteur:</i> LONGONI, Fabio		NOKIA TELECOMMUNICATIONS FINLAND	
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-12 06/07/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-13 12/10/2001	4 . 2 . 0	<a href="#">get it</a>				
	RP-14 11/01/2002	4 . 3 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 218

02 December 2002 20:51:16

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.430 UTRAN Iub Interface: General Aspects and Principles

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-12 06/07/2001 4 . 1 . 0  
RP-14 11/01/2002 4 . 2 . 0  
RP-16 28/06/2002 4 . 3 . 0  
RP-17 03/10/2002 4 . 4 . 0

*WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick  
*G:* *U:* yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 25.431 UTRAN Iub interface Layer 1

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V.  
*G:* *U:* yes *MCC:* KRAUSE, Joern

SIEMENS AG

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 25.432 UTRAN Iub interface: signalling transport

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0

*WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick  
*G:* *U:* yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 25.433 UTRAN Iub interface NBAP signalling

Rel-4 *current version:* 4.6.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-11 06/04/2001 4 . 0 . 0  
RP-12 06/07/2001 4 . 1 . 0  
RP-13 12/10/2001 4 . 2 . 0  
edito 23/10/2001 4 . 2 . 1  
RP-14 11/01/2002 4 . 3 . 0  
RP-15 04/04/2002 4 . 4 . 0  
RP-16 19/07/2002 4 . 5 . 0  
RP-17 11/10/2002 4 . 6 . 0

*WG (prime / other):* R3 / - *rapporteur:* ISHIKAWA, Nobutaka  
*G:* *U:* yes *MCC:* KRAUSE, Joern

NTT DoCoMo Inc

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 219

02 December 2002 20:51:17

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TS 25.434</b>	<b>UTRAN lub interface data transport &amp; transport signalling for CCH data streams</b>					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ALDEN, Magnus	TELIA AB		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-12 06/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-14 11/01/2002 4 . 2 . 0	<a href="#">get it</a>				
	RP-15 02/04/2002 4 . 3 . 0	<a href="#">get it</a>				
	RP-16 28/06/2002 4 . 4 . 0	<a href="#">get it</a>				

---

<b>TS 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	RP-12 06/07/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	<a href="#">get it</a>				
	RP-14 11/01/2002 4 . 3 . 0	<a href="#">get it</a>				
	RP-15 02/04/2002 4 . 4 . 0	<a href="#">get it</a>				
	RP-17 03/10/2002 4 . 5 . 0	<a href="#">get it</a>				

---

<b>TS 25.442</b>	<b>UTRAN implementation-specific O&amp;M transport</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

---

<b>TR 25.832</b>	<b>Manifestations of Handover and SRNS relocation</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 220

02 December 2002 20:51:17

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.834 UTRA TDD low chip rate option; Radio protocol aspects

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
Start of work 01/07/2000 0 . 0 . 0  
draft 15/07/2000 0 . 0 . 1  
draft 01/08/2000 0 . 1 . 0  
RP-09 01/10/2000 1 . 0 . 0  
RP-10 20/12/2000 4 . 0 . 0  
RP-11 27/03/2001 4 . 1 . 0

WG (prime / other): R2 / - *rapporteur:* LIU, YanHui CATT  
G: U: yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 25.836 Node B synchronization for TDD

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-10 12/01/2001 4 . 0 . 0  
RP-11 05/04/2001 4 . 1 . 0

WG (prime / other): R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG  
G: U: yes *MCC:* SASAKI, Tsukasa

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.

## TR 25.837 Hybrid ARQ Type II/III (lub/lur aspects)

Rel-4 *current version:* 0.1.0 DRAFT  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
RP-09 21/09/2000 0 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG  
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
*remarks - this release:* RP-15: No upgrade to Rel-5.

## TR 25.838 Node B Synchronisation for TDD (lub/lur aspects)

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
draft 15/07/2000 0 . 0 . 1  
RP-09 21/09/2000 0 . 1 . 0  
RP-10 21/12/2000 0 . 1 . 1  
RP-11 06/04/2001 4 . 0 . 0  
RP-14 11/01/2002 4 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* LENHART, Johannes SIEMENS AG  
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 221

02 December 2002 20:51:17

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.839</b>	<b>Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)</b>								
Rel-4	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PARK, Jin Hyo	SK TELECOM				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-12 05/07/2001	0 . 2 . 0	RP-010426	<a href="#">get it</a>	<i>remarks - general:</i>				
	RAN3 approved 01/10/2001	0 . 3 . 0	referred to at RP-13.	<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
<hr/>									
<b>TR 25.840</b>	<b>Terminal power saving features</b>								
Rel-4	<i>current version:</i> 2.3.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LEE, Ju Ho	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-09 28/09/2000	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-10 12/01/2001	2 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
	RP-11 05/04/2001	2 . 3 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.841</b>	<b>DSCH power control improvement in soft handover</b>								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-09 28/09/2000	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-10 12/01/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
	RP-11 04/04/2001	4 . 1 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.842</b>	<b>Smart antenna</b>								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling	CATT				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>								
	RP-09 12/01/2001	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .RP-15: Not to be promoted to Rel-5.				
<hr/>									
<b>TR 25.843</b>	<b>1,28 Mcps TDD UE Radio Access Capabilities</b>								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> ZHU, Yifei	CATT				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>								
	RP-10 20/12/2000	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-11 27/03/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 222

02 December 2002 20:51:18

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.844</b>	<b>Radio access bearer support enhancements</b>					
Rel-4	current version: 4.3.0		WG (prime / other): R2 / -	rapporteur: KRISHNARAJAH, Ainkaran	Ericsson AB	
	freeze_meeting: SP-11		G: U: yes	MCC: ARZELIER, Claude		
	history (event, available, version,					
	RP-10 20/12/2000 1 . 0 . 0	RP-000560	<a href="#">get it</a>	remarks - general:		
	RP-11 27/03/2001 4 . 0 . 0		<a href="#">get it</a>	remarks - this release: RP-15: Not to be promoted to Rel-5.		
	RP-13 02/10/2001 4 . 1 . 0		<a href="#">get it</a>			
	RP-16 17/06/2002 4 . 2 . 0		<a href="#">get it</a>			
	RP-17 18/09/2002 4 . 3 . 0		<a href="#">get it</a>			

---

<b>TR 25.847</b>	<b>UE positioning enhancements</b>					
Rel-4	current version: 4.0.0		WG (prime / other): R2 /	rapporteur: BECKMANN, Mark	SIEMENS AG	
	freeze_meeting: SP-11		G: U: yes	MCC: ARZELIER, Claude		
	history (event, available, version,					
	draft 10/11/2000 0 . 1 . 0		<a href="#">get it</a>	remarks - general:		
	RP-10 20/12/2000 1 . 0 . 0		<a href="#">get it</a>	remarks - this release: RP-15: Not to be promoted to Rel-5.		
	RP-11 27/03/2001 4 . 0 . 0		<a href="#">get it</a>			

---

<b>TR 25.848</b>	<b>Physical Layer Aspects of UTRA High Speed Downlink Packet Access</b>					
Rel-4	current version: 4.0.0		WG (prime / other): R1 /	rapporteur: IKEDA, Shinobu	NEC Corporation	
	freeze_meeting: SP-10		G: U: yes	MCC: SASAKI, Tsukasa		
	history (event, available, version,					
	RP-11 05/04/2001 4 . 0 . 0		<a href="#">get it</a>	remarks - general:		
				remarks - this release: RP-15: Not to be promoted to Rel-5.		

---

<b>TR 25.849</b>	<b>DSCH power control improvement in soft handover</b>					
Rel-4	current version: 4.0.0		WG (prime / other): R3 / -	rapporteur: WOONHEE, Hwang	NOKIA Corporation	
	freeze_meeting: SP-11		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-11 06/04/2001 4 . 0 . 0		<a href="#">get it</a>	remarks - general:		
				remarks - this release: RP-15: No upgrade to Rel-5.		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 223

02 December 2002 20:51:18

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.850</b>	<b>UE positioning in UTRAN lub/lur protocol aspects</b>					
Rel-4	current version: 4.3.0		WG (prime / other): R3 / -	rapporteur: HAUTALA, Jari		NOKIA Corporation
	freeze_meeting: SP-11		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-10 21/12/2000 0 . 0 . 2	RP-000658	<a href="#">get it</a>	remarks - general:		
	draft 21/12/2000 0 . 1 . 0		<a href="#">get it</a>	remarks - this release: RP-15: No upgrade to Rel-5.		
	RP-11 06/04/2001 4 . 0 . 0		<a href="#">get it</a>			
	RP-12 06/07/2001 4 . 1 . 0		<a href="#">get it</a>			
	RP-13 12/10/2001 4 . 2 . 0		<a href="#">get it</a>			
	RP-14 11/01/2002 4 . 3 . 0		<a href="#">get it</a>			

---

<b>TR 25.851</b>	<b>RAB Quality of Service (QoS) Renegotiation over lu</b>					
Rel-4	current version: 4.0.0		WG (prime / other): R3 /	rapporteur: IRWIN, Sania		MOTOROLA GmbH
	freeze_meeting: SP-11		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-10 21/12/2000 0 . 0 . 2	RP-000660	<a href="#">get it</a>	remarks - general:		
	RP-11 06/04/2001 4 . 0 . 0		<a href="#">get it</a>	remarks - this release: RP-15: No upgrade to Rel-5.		

---

<b>TR 25.852</b>	<b>Radio access bearer support enhancements for the lu</b>					
Rel-4	current version: 0.0.0	DRAFT	WG (prime / other): R3 /	rapporteur: DIESEN, Michael		MOTOROLA Ltd
	freeze_meeting: SP-11		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-11 06/04/2001 0 . 0 . 0		<a href="#">get it</a>	remarks - general:		
				remarks - this release: RP-15: No upgrade to Rel-5.		

---

<b>TR 25.853</b>	<b>Delay budget within the access stratum</b>					
Rel-4	current version: 4.0.0		WG (prime / other): R3 / -	rapporteur: DELL'ACQUA, Massimo		Indicate persons who left Company and wait for new One
	freeze_meeting: RP-11		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-11 06/04/2001 4 . 0 . 0		<a href="#">get it</a>	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



# 3GPP specification status

Page 224

02 December 2002 20:51:18

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.921 Guidelines and principles for protocol description and error handling**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-13 02/10/2001 4 . 2 . 0 [get it](#)  
RP-14 04/01/2002 4 . 3 . 0 [get it](#)  
RP-15 19/03/2002 4 . 4 . 0 [get it](#)

---

**TR 25.922 Radio Resource Management Strategies**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
RP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
RP-15 19/03/2002 4 . 2 . 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,*  
RP-07 0 . 0 . 2 RP-000091 *remarks - general:* Created R1#10, Jan 99.  
RP-07 15/03/2000 0 . 0 . 3 RP-000158 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
RP-08 0 . 2 . 0  
RP-08 23/06/2000 1 . 0 . 0 [get it](#)  
RP-09 11/01/2001 1 . 1 . 0 [get it](#)  
RP-11 06/04/2001 4 . 0 . 0 [get it](#)  
edito 10/04/2001 4 . 0 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 225

02 December 2002 20:51:18

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.931 UTRAN Functions, examples on signalling procedures**

Rel-4 *current version:* 4.4.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*

RP-11	30/03/2001	4	.	0	.	0
RP-12	05/07/2001	4	.	1	.	0
RP-14	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0

*WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

---

**TR 25.934 AAL2 QoS optimization**

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

draft	25/04/2000	0	.	0	.	0
draft	16/05/2000	0	.	0	.	1
RP-09	28/09/2000	0	.	2	.	0
RP-10	21/12/2000	0	.	2	.	1
RP-11	06/04/2001	4	.	0	.	0

 RP-000646

*WG (prime / other):* R3 / - *rapporteur:* YOSHIMURA, Takayuki J-Phone Co., Ltd.  
*G:* *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.  
[get it](#)  
[get it](#)

---

**TR 25.935 RRM optimisation**

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

Start of work	01/08/2000	0	.	0	.	0
draft	15/07/2000	0	.	0	.	1
R3-15	15/08/2000	0	.	1	.	0
RP-10	21/12/2000	0	.	1	.	1
draft	16/10/2000	1	.	0	.	0
RP-11	06/04/2001	4	.	0	.	0
RP-15	25/03/2002	4	.	1	.	0

*WG (prime / other):* R3 / - *rapporteur:* VAN LIESHOUT, ERICSSON EUROLAB NETHERLANDS BV  
*G:* *U:* yes *MCC:* Gert-Jan KRAUSE, Joern

[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 acces; U = required in systems with UMTS

# 3GPP specification status

Page 226

02 December 2002 20:51:19

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

WG (prime / other): R3 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)  
G: U: yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

Start of work	01/07/2000	0	.	0	.	0
draft	15/07/2000	0	.	0	.	1
R3-15	01/09/2000	0	.	1	.	0
RP-10	21/12/2000	0	.	3	.	0
RP-11	06/04/2001	4	.	0	.	0
formatting	09/01/2002	4	.	0	.	1
corrections						

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 25.937 UTRAN TDD low chiprate

Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11

WG (prime / other): R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd  
G: U: yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

draft	01/08/2000	0	.	0	.	0
draft	15/08/2000	0	.	0	.	1
R3-15	30/08/2000	0	.	1	.	0
RP-10	21/12/2000	0	.	3	.	1
RP-11	06/04/2001	4	.	0	.	0
RP-13	12/10/2001	4	.	1	.	0

RP-000686

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 25.942 RF system scenarios

Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* SP-12

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel SpA  
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*

RP-11	10/10/2001	4	.	0	.	0	expected post RP-12
RP-14	14/01/2002	4	.	1	.	0	
RP-16	03/07/2002	4	.	2	.	0	

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.  
[get it](#) *remarks - this release:*  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 227

02 December 2002 20:51:19

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TR 25.943 Deployment aspects**  
Rel-4 *current version:* 4.2.0  
*freeze\_meeting:* RP-12  
*history (event, available, version,*

R4-09	0	.	0	.	1	
R4-11	0	.	1	.	0	
RP-08 23/06/2000	2	.	0	.	0	
RP-12	2	.	1	.	0	RP-010437
RP-12 29/06/2001	4	.	0	.	0	
RP-14 16/01/2002	4	.	1	.	0	
RP-16 03/07/2002	4	.	2	.	0	

*)*

WG (prime / other): R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson  
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:*

[get it](#)  
[get it](#)  
[get it](#)

---

**TR 25.944 Channel coding and multiplexing examples**  
Rel-4 *current version:* 4.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

RP-11 06/04/2001	4	.	0	.	0	
edito 10/04/2001	4	.	0	.	1	
RP-12 28/06/2001	4	.	1	.	0	

*)*

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation  
G: U: yes *MCC:* SASAKI, Tsukasa

*remarks - general:* Created Jan 2000 (aka R1.04)  
*remarks - this release:* RP-15: Not to be promoted to Rel-5.

[get it](#)  
[get it](#)  
[get it](#)

---

**TR 25.945 RF requirements for low chip rate TDD option**  
Rel-4 *current version:* 4.1.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

RP-09	0	.	3	.	0	
RP-10 21/12/2000	2	.	0	.	0	RP-000678
RP-11 28/05/2001	4	.	0	.	0	Cosmetically too nasty to publish as ETSI TR (TS??)
RP-13 10/10/2001	4	.	1	.	0	
fix layout prob 10/10/2001	4	.	1	.	1	

*)*

WG (prime / other): R4 / - *rapporteur:* ZHANG, Daijun CATT  
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:*

[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 228

02 December 2002 20:51:19

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

<b>TR 25.946</b>	<b>RAB Quality of Service (QoS) Negotiation over lu</b>									
Rel-4	current version: 4.0.0			WG (prime / other): R3 / -	rapporteur: MOLANDER, Anders	Telefon AB LM Ericsson				
	freeze_meeting: SP-11			G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version,									
	draft 15/08/2000	0	. 0	. 1						
	R3-15 30/08/2000	0	. 1	. 0	<a href="#">get it</a>	remarks - general:				
	RP-10 21/12/2000	0	. 1	. 1	<a href="#">get it</a>	remarks - this release: RP-15: No upgrade to Rel-5.				
	RP-11 06/04/2001	4	. 0	. 0	<a href="#">get it</a>					
										RP-000656
<b>TR 25.950</b>	<b>UTRA high speed downlink packet access</b>									
Rel-4	current version: 4.0.0			WG (prime / other): R2 / -	rapporteur: KUCHIBHOTLA, Ravi	MOTOROLA Ltd				
	freeze_meeting: SP-11			G: U: yes	MCC: ARZELIER, Claude					
	history (event, available, version,									
	draft 07/11/2000	0	. 0	. 0	<a href="#">get it</a>	remarks - general:				
	RP-11 27/03/2001	4	. 0	. 0	<a href="#">get it</a>	remarks - this release: RP-15: Not to be promoted to Rel-5.				
<b>TR 25.953</b>	<b>TrFO/TFO</b>									
Rel-4	current version: 4.0.0			WG (prime / other): R3 / -	rapporteur: VESELY, Alexander	SIEMENS AG				
	freeze_meeting: SP-11			G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version,									
	RP-10 21/12/2000	0	. 0	. 3	<a href="#">get it</a>	remarks - general:				
	RP-11 06/04/2001	4	. 0	. 0	<a href="#">get it</a>	remarks - this release: RP-15: No upgrade to Rel-5.				
										RP-000664
<b>TR 25.954</b>	<b>Migration to modification procedure</b>									
Rel-4	current version: 4.0.0			WG (prime / other): R3 / -	rapporteur: YOSHIMURA, Takayuki	J-Phone Co., Ltd.				
	freeze_meeting: SP-11			G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version,									
	RP-11 06/04/2001	4	. 0	. 0	<a href="#">get it</a>	remarks - general:				
						remarks - this release: RP-15: No upgrade to Rel-5.				
<b>TR 25.956</b>	<b>UTRA repeater: Planning guidelines and system analysis</b>									
Rel-4	current version: 4.0.0			WG (prime / other): R4 / -	rapporteur: GARCIA LOPEZ, Lorena	TELEFONICA DE ESPAÑA SA				
	freeze_meeting: RP-11			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar					
	history (event, available, version,									
	RP-11 10/04/2001	4	. 0	. 0	<a href="#">get it</a>	remarks - general:				
						remarks - this release:				

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 229

02 December 2002 20:51:20

Server ACTIVE specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.993 Typical examples of RABs and RBs supported by UTRA

Rel-4 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* yes *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:*  
*remarks - this release:* Pointer to latest release version.

Rel-4 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.071 AMR speech Codec; General description

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 10/04/2001 4 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[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  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 10/04/2001 4 . 0 . 0  
SP-14 09/01/2002 4 . 1 . 0

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

## TS 26.074 AMR speech Codec; Test sequences

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 10/04/2001 4 . 0 . 0  
corected tests 04/07/2001 4 . 0 . 1

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 230

02 December 2002 20:51:20

Server ACTIVE specs Rel-4 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.077</b>	<b>Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 26.090</b>	<b>AMR speech Codec; Transcoding Functions</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 07/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 26.091</b>	<b>AMR speech Codec; Error concealment of lost frames</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 26.092</b>	<b>AMR speech Codec; comfort noise for AMR Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 26.093</b>	<b>AMR speech Codec; Source Controlled Rate operation</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-10 21/12/2000 4 . 0 . 0			<a href="#">get it</a>	<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

# 3GPP specification status

Page 231

02 December 2002 20:51:20

Server ACTIVE specs Rel-4 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.094</b>	<b>AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 26.101</b>	<b>Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-12 27/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-15 28/03/2002 4 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.102</b>	<b>AMR speech Codec; Interface to lu and Uu</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10 21/12/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New after TSG#5			
	SP-11 10/04/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-14 09/01/2002 4 . 2 . 0	<a href="#">get it</a>				
	SP-16 28/06/2002 4 . 3 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 232

02 December 2002 20:51:20

Server ACTIVE specs Rel-4 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

<b>TS 26.104</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec</b>						
Rel-4	current version: 4.3.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	USAI, Paolino		
history (event, available, version,							
	SP-10 21/12/2000						<a href="#">get it</a> remarks - general:
	SP-12 27/06/2001						<a href="#">get it</a> remarks - this release:
	bug fix 29/06/2001						<a href="#">get it</a>
	SP-13 02/10/2001						<a href="#">get it</a>
	SP-15 28/03/2002						<a href="#">get it</a>
<b>TS 26.110</b>	<b>Codec for circuit switched multimedia telephony service; General description</b>						
Rel-4	current version: 4.1.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	USAI, Paolino		
history (event, available, version,							
	SP-09 10/10/2000						<a href="#">get it</a> remarks - general:
	SP-11 10/04/2001						<a href="#">get it</a> remarks - this release:
<b>TS 26.111</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324</b>						
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	USAI, Paolino		
history (event, available, version,							
	SP-11 10/04/2001						<a href="#">get it</a> remarks - general: CR at TSG#5
							remarks - this release:
<b>TS 26.115</b>	<b>Echo control for speech and multi-media services</b>						
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-11	G: U: yes		MCC:	USAI, Paolino		
history (event, available, version,							
	SP-11 10/04/2001						<a href="#">get it</a> remarks - general:
							remarks - this release: Derived from 26.914 R99.
<b>TS 26.131</b>	<b>Terminal acoustic characteristics for telephony; Requirements</b>						
Rel-4	current version: 4.2.0	WG (prime / other):	S4 / -	rapporteur:	GOETZ, Ian	TELLABS OPERATIONS INC.	
	freeze_meeting: SP-11	G: U: yes		MCC:	USAI, Paolino		
history (event, available, version,							
	SP-11 10/04/2001						<a href="#">get it</a> remarks - general:
	SP-13 02/10/2001						<a href="#">get it</a> remarks - this release:
	SP-17 24/09/2002						<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 233

02 December 2002 20:51:21

Server ACTIVE specs Rel-4 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.132</b>	<b>Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification</b>					
Rel-4	current version: 4.3.0	WG (prime / other):	S4 / -	rapporteur:	GOETZ, Ian	TELLABS OPERATIONS INC.
	freeze_meeting: SP-11	G:	U: yes	MCC:	USAI, Paolino	
history (event, available, version,						
SP-11	10/04/2001	4	. 0	. 0	<a href="#">get it</a>	remarks - general:
SP-13	02/10/2001	4	. 1	. 0	<a href="#">get it</a>	remarks - this release:
SP-15	28/03/2002	4	. 2	. 0	<a href="#">get it</a>	
SP-17	24/09/2002	4	. 3	. 0	<a href="#">get it</a>	

---

<b>TS 26.233</b>	<b>End-to-end transparent streaming service; General description</b>					
Rel-4	current version: 4.2.0	WG (prime / other):	S4 / -	rapporteur:	HONKO, Harri	NOKIA Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	USAI, Paolino	
history (event, available, version,						
draft	02/11/2000	0	. 1	. 0	<a href="#">get it</a>	remarks - general:
SP-10	21/12/2000	1	. 0	. 0	<a href="#">get it</a>	remarks - this release:
SP-11	10/04/2001	4	. 0	. 0	<a href="#">get it</a>	
SP-14	09/01/2002	4	. 1	. 0	<a href="#">get it</a>	
SP-15	28/03/2002	4	. 2	. 0	<a href="#">get it</a>	

---

<b>TS 26.234</b>	<b>End-to-end transparent streaming service; Protocols and codecs</b>					
Rel-4	current version: 4.4.0	WG (prime / other):	S4 / -	rapporteur:	NOHLGREN, Anders	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	USAI, Paolino	
history (event, available, version,						
draft	19/10/2000	0	. 0	. 1	<a href="#">get it</a>	remarks - general:
draft	26/10/2000	0	. 0	. 2	<a href="#">get it</a>	remarks - this release:
draft	02/11/2000	0	. 0	. 3	<a href="#">get it</a>	
SP-10	21/12/2000	1	. 0	. 0	<a href="#">get it</a>	SP-000566
SP-11	10/04/2001	4	. 0	. 0	<a href="#">get it</a>	
SP-13	02/10/2001	4	. 1	. 0	<a href="#">get it</a>	
SP-14	09/01/2002	4	. 2	. 0	<a href="#">get it</a>	
SP-15	28/03/2002	4	. 3	. 0	<a href="#">get it</a>	
SP-16	28/06/2002	4	. 4	. 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 234

02 December 2002 20:51:21

Server ACTIVE specs Rel-4 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

<b>TR 26.901</b>	<b>AMR wideband speech codec; Feasibility study report</b>				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OHANA, Alain		Cingular Wireless LLC
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-07 17/03/2000 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-07 17/03/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	edito 26/04/2000 4 . 0 . 1	<a href="#">get it</a>			
<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri		Nokia Research Center
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-10 21/12/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-11 10/04/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
<b>TR 26.912</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle		Nippon Ericsson K.K.
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> 2002-06-18: not useful to upgrade to Rel-5?		
<b>TR 26.975</b>	<b>Performance characterization of the Adaptive Multi-Rate (AMR) speech codec</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Replaces 26.075. 2001-10-02: Also for GSM.		
	SP-13 02/10/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
<b>TR 26.978</b>	<b>Results of the AMR noise suppression selection phase</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Replaces 26.078		
			<i>remarks - this release:</i> Replaces 26.078		

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 235

02 December 2002 20:51:21

Server ACTIVE specs Rel-4 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

Rel-4 27 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
NP-08 28/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-09 23/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-10 04/01/2001 4 . 2 . 0 [get it](#)  
NP-11 05/04/2001 4 . 3 . 0 [get it](#)  
NP-12 04/07/2001 4 . 4 . 0 [get it](#)  
NP-13 10/10/2001 4 . 5 . 0 [get it](#)  
NP-14 11/01/2002 4 . 6 . 0 [get it](#)  
NP-15 20/03/2002 4 . 7 . 0 [get it](#)  
NP-17 17/09/2002 4 . 8 . 0 [get it](#)

## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
<to be defined> 12/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
NP-10 22/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-11 02/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE/DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-13 04/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-16 25/06/2002 4 . 2 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 236

02 December 2002 20:51:22

Server ACTIVE specs Rel-4 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

## TS 27.007 AT command set for 3G User Equipment (UE)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-09 11/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-12 04/07/2001 4 . 2 . 0 [get it](#)  
TP-14 15/01/2002 4 . 3 . 0 [get it](#)  
TP-15 04/04/2002 4 . 4 . 0 [get it](#)

---

## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-13 04/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-15 25/03/2002 4 . 2 . 0 [get it](#)

---

## TS 27.060 Packet domain; Mobile Station (MS) supporting Packet Switched services

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
NP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* GPRS  
NP-16 24/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-17 17/09/2002 4 . 2 . 0 [get it](#)

---

## TS 27.103 Wide Area Network Synchronization

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd  
*freeze\_meeting:* SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 237

02 December 2002 20:51:22

Server ACTIVE specs Rel-4 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

TP-11 02/04/2001 4 . 0 . 0

TP-15 26/03/2002 4 . 1 . 0

*WG (prime / other):* T2 / -

*G:* U: yes

*rapporteur:* REX, Thomas

*MCC:* RODERMUND, Friedhelm

ERICSSON MOBILE COMMUNICATIONS AB

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

## TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

TP-11 02/04/2001 4 . 0 . 0

*WG (prime / other):* T2 / -

*G:* U: yes

*rapporteur:* LOCKHART, Rob

*MCC:* RODERMUND, Friedhelm

Motorola Inc.

[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](http://www.3gpp.org/ftp/Specs/archive/28_series)

## TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-4 *current version:* 4.4.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

SP-05 13/10/1999 0 . 0 . 0

SP-09 18/10/2000 0 . 0 . 3

SP-10 21/12/2000 1 . 0 . 0 NP-000568

draft 08/02/2001 1 . 1 . 0

SP-11 10/04/2001 4 . 0 . 0

SP-12 27/06/2001 4 . 1 . 0

edito 01/10/2001 4 . 1 . 1

SP-14 09/01/2002 4 . 2 . 0

SP-15 28/03/2002 4 . 3 . 0

SP-16 28/06/2002 4 . 4 . 0

*WG (prime / other):* S4 / -

*G:* yes U: yes

*rapporteur:* SUERBAUM, Clemens

*MCC:* USAI, Paolino

SIEMENS AG

[get it](#) *remarks - general:* Transfer>TSG#4

[get it](#) *remarks - this release:* TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 238

02 December 2002 20:51:22

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

Rel-4 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.002 Mobile Application Part (MAP) specification

Rel-4	current version: 4.9.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo	
history (event, available, version,				
NP-08	23/06/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:
edito	04/08/2000	4 . 0 . 1	<a href="#">get it</a>	remarks - this release:
edito	11/08/2000	4 . 0 . 2	<a href="#">get it</a>	
NP-09	26/10/2000	4 . 1 . 0	<a href="#">get it</a>	
NP-10	20/12/2000	4 . 2 . 0	<a href="#">get it</a>	
edito	01/02/2001	4 . 2 . 1	<a href="#">get it</a>	
NP-11	06/04/2001	4 . 3 . 0	<a href="#">get it</a>	
NP-12	06/07/2001	4 . 4 . 0	<a href="#">get it</a>	
edito	16/08/2001	4 . 4 . 1	<a href="#">get it</a>	
NP-13	03/10/2001	4 . 5 . 0	<a href="#">get it</a>	
NP-14	18/01/2002	4 . 6 . 0	<a href="#">get it</a>	
NP-15	04/04/2002	4 . 7 . 0	<a href="#">get it</a>	
NP-16	21/06/2002	4 . 8 . 0	<a href="#">get it</a>	
NP-17	24/09/2002	4 . 9 . 0	<a href="#">get it</a>	

## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-4	current version: 4.5.0	WG (prime / other): N3 / -	rapporteur: KLEHN, Norbert	SIEMENS AG
	freeze_meeting: SP-11	G: yes U: yes	MCC: BOSWARTHICK, David	
history (event, available, version,				
NP-09	12/10/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:
NP-10	04/01/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:
NP-11	29/03/2001	4 . 2 . 0	<a href="#">get it</a>	
NP-14	11/01/2002	4 . 3 . 0	<a href="#">get it</a>	
NP-16	24/06/2002	4 . 4 . 0	<a href="#">get it</a>	
NP-17	17/09/2002	4 . 5 . 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 239

02 December 2002 20:51:23

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.010</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
Rel-4	current version: Procedures and the Mobile Application Part (MAP)	4.4.0	WG (prime / other):	N4	/ -	rapporteur:	KYMALAINEN, Kimmo		
	SONERA Corporation								
	freeze_meeting: SP-11		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	NP-11 30/03/2001	4 . 0 . 0				<a href="#">get it</a>	remarks - general: Transfer>TSG#4 (transfer??)		
	NP-12 06/07/2001	4 . 1 . 0				<a href="#">get it</a>	remarks - this release:		
	NP-14 11/01/2002	4 . 2 . 0				<a href="#">get it</a>			
	NP-16 21/06/2002	4 . 3 . 0				<a href="#">get it</a>			
	NP-17 18/09/2002	4 . 4 . 0				<a href="#">get it</a>			

---

<b>TS 29.011</b>	<b>Signalling Interworking for Supplementary Services</b>								
Rel-4	current version: 4.0.1		WG (prime / other):	N4	/ -	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: SP-11		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	NP-11 04/04/2001	4 . 0 . 0				<a href="#">get it</a>	remarks - general:		
	correct references 25/06/2002	4 . 0 . 1				<a href="#">get it</a>	remarks - this release:		

---

<b>TS 29.013</b>	<b>Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols</b>								
Rel-4	current version: 4.0.1		WG (prime / other):	N4	/ -	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: SP-11		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,								
	NP-11 04/04/2001	4 . 0 . 0				<a href="#">get it</a>	remarks - general: Transfer>TSG#4		
	update references 24/06/2002	4 . 0 . 1				<a href="#">get it</a>	remarks - this release:		

---

<b>TS 29.016</b>	<b>Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification</b>								
Rel-4	current version: 4.1.0		WG (prime / other):	N1	/ -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: SP-11		G: yes	U: yes		MCC:	JORGENSEN, Per Johan		
	history (event, available, version,								
	NP-11 06/04/2001	4 . 0 . 0				<a href="#">get it</a>	remarks - general:		
	NP-16 26/06/2002	4 . 1 . 0				<a href="#">get it</a>	remarks - this release:		

---

G = required in systems with GERAN access; U = required in systems with UMTS



# 3GPP specification status

Page 240

02 December 2002 20:51:23

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.018</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-13 03/10/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-14 04/01/2002	4 . 2 . 0	<a href="#">get it</a>		
	NP-15 19/03/2002	4 . 3 . 0	<a href="#">get it</a>		
	NP-16 26/06/2002	4 . 4 . 0	<a href="#">get it</a>		

---

<b>TS 29.060</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface</b>				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 30/03/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-12 04/07/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-13 03/10/2001	4 . 2 . 0	<a href="#">get it</a>		
	NP-14 11/01/2002	4 . 3 . 0	<a href="#">get it</a>		
	NP-15 28/03/2002	4 . 4 . 0	<a href="#">get it</a>		
	NP-17 18/09/2002	4 . 5 . 0	<a href="#">get it</a>		

---

<b>TS 29.061</b>	<b>Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)</b>				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-11 06/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the
	NP-12 28/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	Public Land Mobile Network (PLMN) supporting GPRS and Packet".
	NP-13 12/10/2001	4 . 2 . 0	<a href="#">get it</a>		
	NP-14 14/01/2002	4 . 3 . 0	<a href="#">get it</a>		
	NP-15 20/03/2002	4 . 4 . 0	<a href="#">get it</a>		
	NP-16 02/07/2002	4 . 5 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 241

02 December 2002 20:51:23

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>								
Rel-4	current version: 4.6.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: SP-11	G:	U: yes	MCC:	JURISIC, Andrijana				
history (event, available, version,									
NP-11	29/03/2001	4	. 0 . 0	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
NP-12	03/07/2001	4	. 1 . 0	<a href="#">get it</a>	remarks - this release:	Phase 3			
NP-13	03/10/2001	4	. 2 . 0	<a href="#">get it</a>					
NP-14	04/01/2002	4	. 3 . 0	<a href="#">get it</a>					
NP-15	19/03/2002	4	. 4 . 0	<a href="#">get it</a>					
NP-16	17/06/2002	4	. 5 . 0	<a href="#">get it</a>					
NP-17	17/09/2002	4	. 6 . 0	<a href="#">get it</a>					

---

<b>TS 29.108</b>	<b>Application of the Radio Access Network Application Part (RANAP) on the E-interface</b>								
Rel-4	current version: 4.2.0	WG (prime / other):	R3 / -	rapporteur:	VESELY, Alexander	SIEMENS AG			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern				
history (event, available, version,									
RP-11	06/04/2001	4	. 0 . 0	<a href="#">get it</a>	remarks - general:	TSG#8:Appeared as v2.0.0 (RP-000258)			
RP-13	12/10/2001	4	. 1 . 0	<a href="#">get it</a>	remarks - this release:				
RP-16	28/06/2002	4	. 2 . 0	<a href="#">get it</a>					

---

<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	AIKAWA, Shinichiro	Fujitsu Limited			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-11	04/04/2001	4	. 0 . 0	<a href="#">get it</a>	remarks - general:	New after TSG#5			
					remarks - this release:				

---

<b>TS 29.120</b>	<b>Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-09	25/10/2000	4	. 0 . 0	<a href="#">get it</a>	remarks - general:	New after TSG#5			
					remarks - this release:				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 242

02 December 2002 20:51:24

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](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:* 4.3.1 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
edito 20/03/2002 4 . 3 . 1 [get it](#)

---

## TS 29.198-02 Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

---

## TS 29.198-03 Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy Lucent Technologies Network Systems UK  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)  
NP-16 05/07/2002 4 . 5 . 0 [get it](#)  
NP-17 01/10/2002 4 . 6 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 243

02 December 2002 20:51:24

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

NP-11		1	.	0	.	0			
edito	27/03/2001	1	.	0	.	1		<a href="#">get it</a>	<i>remarks - general:</i>
NP-12		2	.	0	.	0			<i>remarks - this release:</i>
NP-12	29/06/2001	4	.	0	.	0		<a href="#">get it</a>	
NP-13	12/10/2001	4	.	1	.	0		<a href="#">get it</a>	
NP-14	08/01/2002	4	.	2	.	0		<a href="#">get it</a>	
NP-15	20/03/2002	4	.	3	.	0		<a href="#">get it</a>	
NP-16	05/07/2002	4	.	4	.	0		<a href="#">get it</a>	
NP-17	01/10/2002	4	.	5	.	0		<a href="#">get it</a>	

---

## TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ZOICAS, Adrian  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

NP-11	27/03/2001	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0		<a href="#">get it</a>	
NP-14	08/01/2002	4	.	3	.	0		<a href="#">get it</a>	
NP-15	20/03/2002	4	.	4	.	0		<a href="#">get it</a>	
NP-17	01/10/2002	4	.	5	.	0		<a href="#">get it</a>	

---

## TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* TWEEDIE, David NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

NP-11	27/03/2001	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>
IDL file corrected	12/07/2001	4	.	1	.	1		<a href="#">get it</a>	
NP-13	08/10/2001	4	.	2	.	0		<a href="#">get it</a>	
edito	12/10/2001	4	.	2	.	1		<a href="#">get it</a>	
NP-14	08/01/2002	4	.	3	.	0		<a href="#">get it</a>	
NP-15	20/03/2002	4	.	4	.	0		<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 244

02 December 2002 20:51:24

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](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-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

---

## TS 29.198-08 Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
NP-13 08/10/2001 4 . 2 . 0 [get it](#)  
NP-14 08/01/2002 4 . 3 . 0 [get it](#)  
NP-15 20/03/2002 4 . 4 . 0 [get it](#)  
NP-17 01/10/2002 4 . 5 . 0 [get it](#)

---

## TS 29.198-11 Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
NP-11 1 . 0 . 0 *remarks - general:*  
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*  
NP-12 29/06/2001 4 . 0 . 0 [get it](#)  
NP-13 08/10/2001 4 . 1 . 0 [get it](#)  
NP-14 08/01/2002 4 . 2 . 0 [get it](#)  
NP-15 20/03/2002 4 . 3 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 245

02 December 2002 20:51:25

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](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:* 4.3.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

NP-11		1	.	0	.	0		<i>remarks - general:</i>
edito	27/03/2001	1	.	0	.	1		<i>remarks - this release:</i>
NP-12		2	.	0	.	0		
NP-12	29/06/2001	4	.	0	.	0		<a href="#">get it</a>
NP-13	08/10/2001	4	.	1	.	0		<a href="#">get it</a>
NP-14	08/01/2002	4	.	2	.	0		<a href="#">get it</a>
NP-15	20/03/2002	4	.	3	.	0		<a href="#">get it</a>

---

## TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-11	02/04/2001	4	.	0	.	0		<i>remarks - general:</i>
edito	09/05/2001	4	.	0	.	1		<i>remarks - this release:</i>
NP-13	03/10/2001	4	.	1	.	0		<a href="#">get it</a>
correct references	25/06/2002	4	.	1	.	1		<a href="#">get it</a>
NP-17	18/09/2002	4	.	2	.	0		<a href="#">get it</a>

---

## TS 29.205 Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-11	30/03/2001	4	.	0	.	0		<i>remarks - general:</i>
NP-12	04/07/2001	4	.	1	.	0		<i>remarks - this release:</i>
NP-13	03/10/2001	4	.	2	.	0		<a href="#">get it</a>

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 246

02 December 2002 20:51:25

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.232</b>	<b>Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3</b>								
Rel-4	current version: 4.6.0 freeze_meeting: SP-11	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David Chalmers	VODAFONE LTD			
	history (event, available, version,	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	NP-10 12/01/2001 1 . 0 . 0						remarks - general:	Additional rapporteur: Laura.Pomponi@CSELT.IT	
	NP-11 30/03/2001 4 . 0 . 0						remarks - this release:		
	NP-12 04/07/2001 4 . 1 . 0								
	NP-13 05/10/2001 4 . 2 . 0								
	NP-14 11/01/2002 4 . 3 . 0								
	NP-15 28/03/2002 4 . 4 . 0								
	NP-16 21/06/2002 4 . 5 . 0								
	NP-17 18/09/2002 4 . 6 . 0								
<hr/>									
<b>TS 29.414</b>	<b>Core network Nb data transport and transport signalling</b>								
Rel-4	current version: 4.4.0 freeze_meeting: SP-11	WG (prime / other):	N3 / -	rapporteur:	BELLING, Thomas	SIEMENS AG			
	history (event, available, version,	G:	U: yes	MCC:	BOSWARTHICK, David				
	NP-11 06/04/2001 4 . 0 . 0						remarks - general:		
	NP-12 28/06/2001 4 . 1 . 0						remarks - this release:		
	NP-13 03/10/2001 4 . 2 . 0								
	NP-14 11/01/2002 4 . 3 . 0								
	NP-15 20/03/2002 4 . 4 . 0								
<hr/>									
<b>TS 29.415</b>	<b>Core network Nb interface user plane protocols</b>								
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other):	N3 / -	rapporteur:	SANDERS, David	VODAFONE Group Plc			
	history (event, available, version,	G:	U: yes	MCC:	BOSWARTHICK, David				
	NP-11 06/04/2001 4 . 0 . 0						remarks - general:		
	NP-13 03/10/2001 4 . 1 . 0						remarks - this release:		
	NP-14 11/01/2002 4 . 2 . 0								
<hr/>									
<b>TR 29.993</b>	<b>Modifications to be incorporated in equipment to cater for errors in the standards</b>								
Rel-4	current version: none freeze_meeting:	WG (prime / other):	RP / -	rapporteur:	COURAU, François	ALCATEL S.A.			
	history (event, available, version,	G: yes	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar				
							remarks - general:		
							remarks - this release:		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 247

02 December 2002 20:51:25

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TR 29.994</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	N1 / RP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
	history (event, available, version,	G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
	NP-16 26/06/2002 4 . 0 . 0								
		<a href="#">get it</a>		remarks - general:	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to				
				remarks - this release:	. latest Release version.				

---

<b>TR 29.998-01</b>	<b>Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.			
	freeze_meeting: SP-11	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-11 02/04/2001 4 . 0 . 0								
		<a href="#">get it</a>		remarks - general:					
				remarks - this release:					

---

<b>TR 29.998-04-</b>	<b>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</b>								
Rel-4	current version: 4.2.0	WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.			
	freeze_meeting: NP-11	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-11 02/04/2001 4 . 0 . 0								
	NP-12 29/06/2001 4 . 1 . 0								
	NP-13 05/10/2001 4 . 2 . 0								
		<a href="#">get it</a>		remarks - general:					
		<a href="#">get it</a>		remarks - this release:					
		<a href="#">get it</a>							

---

<b>TR 29.998-05-</b>	<b>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</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	N5 /	rapporteur:	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.			
	freeze_meeting: NP-11	G:	U: yes	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	NP-11 02/04/2001 4 . 0 . 0								
		<a href="#">get it</a>		remarks - general:					
				remarks - this release:					

---

G = required in systems with GERAN access; U = required in systems with UMTS



# 3GPP specification status

Page 248

02 December 2002 20:51:25

Server ACTIVE specs Rel-4 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

**TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 26/03/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
edito 02/04/2001 1 . 0 . 1 [get it](#) *remarks - this release:*  
NP-12 2 . 0 . 0  
NP-12 29/06/2001 4 . 0 . 0 [get it](#)

---

**TR 29.998-06 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 6: User Location and User Status Service Mapping to MAP**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting:* NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

Rel-4 **30** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)**

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* NP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
TR no. corrected 02/02/2001 4 . 0 . 1 [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 249

02 December 2002 20:51:26

Server ACTIVE specs Rel-4 30 .- series  
[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

<b>TR 30.504</b>	<b>Work Plan and Study Items- RAN WG4</b>						
Rel-4	<i>current version:</i> 2.2.0	DRAFT	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> IWASA, Masaaki	MOTOROLA JAPAN LTD		
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>		<i>U: yes</i>				
	RP-03 23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	draft 21/12/2000	0 . 8 . 6	<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-04 23/06/1999	1 . 0 . 0	<a href="#">get it</a>				
	RP-05 13/10/1999	1 . 4 . 0	<a href="#">get it</a>				
	RP-06 17/12/1999	2 . 0 . 0	<a href="#">get it</a>				
	RP-08 23/06/2000	2 . 2 . 0	<a href="#">get it</a>				

---

Rel-4 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

<b>TS 31.048</b>	<b>Test specification for security mechanisms for the (U)SIM application toolkit</b>						
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie	GEMPLUS Card International		
	<i>freeze_meeting:</i> TP-21		<i>G: yes U: yes</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>						
				<i>remarks - general:</i> Test spec for 23.048.			
				<i>remarks - this release:</i>			

---

<b>TS 31.101</b>	<b>UICC-terminal interface; Physical and logical characteristics</b>						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> T3 / SCP	<i>rapporteur:</i> VESTERGAARD, Peter	NOKIA UK Ltd		
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>		<i>U: yes</i>				
	TP-11 09/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Contents is a reference to ETSI TR 102 221.			
				<i>remarks - this release:</i>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 250

02 December 2002 20:51:26

Server ACTIVE specs Rel-4 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.102 Characteristics of the USIM Application

Rel-4 *current version:* 4.6.0 *freeze\_meeting:* SP-11  
*history (event, available, version,*  
TP-11 09/04/2001 4 . 0 . 0  
TP-12 23/07/2001 4 . 1 . 0  
TP-13 11/10/2001 4 . 2 . 0  
TP-14 17/01/2002 4 . 3 . 0  
TP-15 28/03/2002 4 . 4 . 0  
TP-16 28/06/2002 4 . 5 . 0  
TP-17 25/09/2002 4 . 6 . 0

WG (prime / other): T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 31.110 Numbering system for telecommunication IC card applications

Rel-4 *current version:* 4.1.0 *freeze\_meeting:* SP-11  
*history (event, available, version,*  
TP-11 16/05/2001 4 . 0 . 0 late due to reversal of original T3 decision to scrap in favour of an ETSI SCP deliverable only  
TP-14 16/01/2002 4 . 1 . 0

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May  
*remarks - this release:* 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.  
[get it](#)

## TS 31.111 USIM Application Toolkit (USAT)

Rel-4 *current version:* 4.8.0 *freeze\_meeting:* SP-11  
*history (event, available, version,*  
TP-09 18/10/2000 4 . 0 . 0  
TP-10 05/01/2001 4 . 1 . 0  
TP-11 09/04/2001 4 . 2 . 0  
edito 10/04/2001 4 . 2 . 1  
TP-12 06/07/2001 4 . 3 . 0  
TP-13 12/10/2001 4 . 4 . 0  
TP-14 16/01/2002 4 . 5 . 0  
TP-15 28/03/2002 4 . 6 . 0  
TP-16 28/06/2002 4 . 7 . 0  
TP-17 18/09/2002 4 . 8 . 0

WG (prime / other): T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new One  
G: yes U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.  
*remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 251

02 December 2002 20:51:26

Server ACTIVE specs Rel-4 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

**TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification**  
Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* MAESER, Torsten ORGA Kartensysteme GmbH  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
*remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP  
*remarks - this release:* Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.

---

**TS 31.121 UICC-terminal interface; USIM application test specification**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-12 06/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)  
TP-16 19/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-17 18/09/2002 4 . 2 . 0 [get it](#)

---

**TS 31.122 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:* DIETZE, Claus  
*history (event, available, version,*  
*remarks - general:* based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was  
*remarks - this release:* split into two parts

---

Rel-4 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.101 Telecommunication management; Principles and high level requirements**  
Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-11 28/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 11/04/2001 4 . 0 . 1 [get it](#) *remarks - this release:*  
SP-12 03/07/2001 4 . 1 . 0 [get it](#)  
SP-13 05/10/2001 4 . 2 . 0 [get it](#)  
edito 26/03/2002 4 . 2 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 252

02 December 2002 20:51:27

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-11 28/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
SP-12 03/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-13 05/10/2001 4 . 2 . 0 [get it](#)

---

## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
*remarks - this release:*

---

## TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-14 11/01/2002 4 . 2 . 0 [get it](#)  
SP-15 26/03/2002 4 . 3 . 0 [get it](#)  
SP-17 18/09/2002 4 . 4 . 0 [get it](#)

---

## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edw in Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-15 26/03/2002 4 . 2 . 0 [get it](#)  
SP-16 20/06/2002 4 . 3 . 0 [get it](#)  
SP-17 20/09/2002 4 . 4 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 253

02 December 2002 20:51:27

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-13 05/10/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts  
SP-14 11/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-15 26/03/2002 4 . 2 . 0 [get it](#)  
SP-16 20/06/2002 4 . 3 . 0 [get it](#)

---

## TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* AHLBÄCK, Hans Telefon AB LM Ericsson  
*freeze\_meeting:* SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 18/06/2001 1 . 0 . 1 SP-010236 [get it](#) *remarks - general:*  
SP-13 01/10/2001 2 . 0 . 0 SP-010464 [get it](#) *remarks - this release:* Had been indicated as approved at SP-12, but this was erroneous.  
SP-13 05/10/2001 4 . 0 . 0 [get it](#)  
SP-15 26/03/2002 4 . 1 . 0 [get it](#)  
SP-16 20/06/2002 4 . 2 . 0 [get it](#)

---

## TS 32.205 Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* BENDER, James Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-11 29/03/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-12 18/06/2001 1 . 1 . 1 SP-010236 [get it](#) *remarks - this release:*  
SP-13 26/09/2001 2 . 0 . 0 SP-010464 [get it](#)  
SP-13 09/10/2001 4 . 0 . 0 [get it](#)  
SP-15 26/03/2002 4 . 1 . 0 [get it](#)  
edito post SP-15 27/03/2002 4 . 1 . 1 [get it](#)  
SP-16 20/06/2002 4 . 2 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 254

02 December 2002 20:51:27

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.215</b>	<b>Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.	
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 18/06/2001 1 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		SP-010236
	SP-13 01/10/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		SP-010464
	SP-13 09/10/2001 4 . 0 . 0	<a href="#">get it</a>			
	SP-14 11/01/2002 4 . 1 . 0	<a href="#">get it</a>			
	SP-15 26/03/2002 4 . 2 . 0	<a href="#">get it</a>			
	edito post SP-15 27/03/2002 4 . 2 . 1	<a href="#">get it</a>			
	SP-16 20/06/2002 4 . 3 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 32.235</b>	<b>Telecommunication management; Charging management; Charging data description for application services</b>				
Rel-4	<i>current version:</i> 4.3.0	<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,</i>				
	SP-12 18/06/2001 1 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		SP-010236
	SP-13 01/10/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		SP-010464
	SP-13 08/10/2001 4 . 0 . 0	<a href="#">get it</a>			
	SP-15 26/03/2002 4 . 1 . 0	<a href="#">get it</a>			
	SP-16 20/06/2002 4 . 2 . 0	<a href="#">get it</a>			
	SP-17 18/09/2002 4 . 3 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 32.300</b>	<b>Telecommunication management; Configuration Management (CM); Name convention for Managed Objects</b>				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 18/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Replaces 32.106-8 (pars)	SP-010283
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-14 11/01/2002 4 . 1 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 32.301</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements</b>				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	was 32.301-1	
	SP-12 03/07/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	edito 26/03/2002 4 . 0 . 1	<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 255

02 December 2002 20:51:28

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.302 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service version 1**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.301-2  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

---

**TS 32.303 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1**  
Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.301-3  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)  
SP-15 26/03/2002 4 . 2 . 0 [get it](#)  
SP-17 19/09/2002 4 . 3 . 0 [get it](#)  
edito post SP-17 01/10/2002 4 . 3 . 1 [get it](#)

---

**TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CMIP Solution Set Version 1:1**  
Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.301-4  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)  
SP-15 26/03/2002 4 . 2 . 0 [get it](#)

---

**TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-12 *G:* yes U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.112-1  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
edito 12/07/2001 4 . 0 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 256

02 December 2002 20:51:28

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.312</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Information service</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.112-2	
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.401</b>	<b>Telecommunication management; Performance Management (PM); Concept and requirements</b>				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-13	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 20/06/2001	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.104 (pars)	
	edito 27/06/2001	1 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-13 11/10/2001	2 . 0 . 0	<a href="#">get it</a>		SP-010467
	SP-13 05/10/2001	4 . 0 . 0	<a href="#">get it</a>		
	SP-14 11/01/2002	4 . 1 . 0	<a href="#">get it</a>		
	SP-17 18/09/2002	4 . 2 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 32.403</b>	<b>Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM</b>				
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 20/06/2001	1 . 0 . 2	<a href="#">get it</a>	<i>remarks - general:</i> was 32.104 (pars)	
	SP-12 04/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>		
	SP-15 26/03/2002	4 . 2 . 0	<a href="#">get it</a>		
	editorial clean up 20/06/2002	4 . 2 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 32.600</b>	<b>Telecommunication management; Configuration Management (CM); Concept and high-level requirements</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 18/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106 (pars).	
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 257

02 December 2002 20:51:28

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.601</b>	<b>Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor					MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	was 32.601-1		
	SP-12 03/07/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.		
<hr/>									
<b>TS 32.602</b>	<b>Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John						
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	was 32.601-2		
	SP-12 03/07/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	SP-13 05/10/2001	4 . 1 . 0			<a href="#">get it</a>				
<hr/>									
<b>TS 32.603</b>	<b>Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set</b>								
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di					SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	was 32.601-3		
	SP-12 03/07/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	SP-13 05/10/2001	4 . 1 . 0			<a href="#">get it</a>				
	SP-15 27/03/2002	4 . 2 . 0			<a href="#">get it</a>				
	SP-16 20/06/2002	4 . 3 . 0			<a href="#">get it</a>				
	post SP-16 04/07/2002	4 . 3 . 1			<a href="#">get it</a>				
	correction of cover page								
<hr/>									
<b>TS 32.604</b>	<b>Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) CMIP solution set</b>								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas					Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	was 32.601-4		
	SP-12 03/07/2001	4 . 0 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	.		
	SP-13 05/10/2001	4 . 1 . 0			<a href="#">get it</a>				
	SP-14 11/01/2002	4 . 2 . 0			<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 258

02 December 2002 20:51:29

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.611</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements</b>				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-1	
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
<hr/>					
<b>TS 32.612</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Information service</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-2	
	SP-12 04/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>		
	SP-16 21/06/2002	4 . 2 . 0	<a href="#">get it</a>		
	SP-17 27/09/2002	4 . 3 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 32.613</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution</b>				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-3	
	SP-12 04/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-14 11/01/2002	4 . 1 . 0	<a href="#">get it</a>		
	SP-16 21/06/2002	4 . 2 . 0	<a href="#">get it</a>		
	SP-17 27/09/2002	4 . 3 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 32.614</b>	<b>Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set</b>				
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	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.602-4	
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>		
	SP-16 21/06/2002	4 . 2 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 259

02 December 2002 20:51:29

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](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:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-14 11/01/2002 4 . 1 . 0 [get it](#)  
SP-15 27/03/2002 4 . 2 . 0 [get it](#)

---

**TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-1  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

---

**TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-2  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)  
SP-15 27/03/2002 4 . 2 . 0 [get it](#)  
SP-16 28/06/2002 4 . 3 . 0 [get it](#)

---

**TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-3  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)  
SP-14 11/01/2002 4 . 2 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 260

02 December 2002 20:51:29

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.624</b>	<b>Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set</b>			
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.620-4
	SP-12 04/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-13 05/10/2001	4 . 1 . 0	<a href="#">get it</a>	
	SP-14 11/01/2002	4 . 2 . 0	<a href="#">get it</a>	
	SP-15 27/03/2002	4 . 3 . 0	<a href="#">get it</a>	
	SP-16 28/06/2002	4 . 4 . 0	<a href="#">get it</a>	

---

<b>TS 32.631</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements</b>			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.621-1
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .

---

<b>TS 32.632</b>	<b>Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)</b>			
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.621-2
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-14 11/01/2002	4 . 1 . 0	<a href="#">get it</a>	
	SP-16 28/06/2002	4 . 2 . 0	<a href="#">get it</a>	

---

<b>TS 32.633</b>	<b>Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set</b>			
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
	SP-12 21/06/2001	2 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> was 32.621-3
	SP-12 03/07/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	SP-16 28/06/2002	4 . 1 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 261

02 December 2002 20:51:30

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set**

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.621-4  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)  
edito after SP-17 18/09/2002 4 . 1 . 1 [get it](#)

---

**TS 32.641 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-1  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

---

**TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-2  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-16 28/06/2002 4 . 1 . 0 [get it](#)  
SP-17 27/09/2002 4 . 2 . 0 [get it](#)

---

**TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-3  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 262

02 December 2002 20:51:30

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set**

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-4  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:*  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)  
edito post SP-17 18/09/2002 4 . 1 . 1 [get it](#)

---

**TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-1  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

---

**TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB  
*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-2  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)  
SP-14 11/01/2002 4 . 2 . 0 [get it](#)  
SP-16 28/06/2002 4 . 3 . 0 [get it](#)  
SP-17 27/09/2002 4 . 4 . 0 [get it](#)

---

**TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-3  
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 263

02 December 2002 20:51:30

Server ACTIVE specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-4  
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

---

**TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH  
*freeze\_meeting:* SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
draft 31/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
draft 17/01/2001 0 . 0 . 3 NP-010239 (!) [get it](#) *remarks - this release:* .  
SP-12 18/06/2001 1 . 0 . 0 SP-010233 (for approval!) [get it](#)  
SP-12 03/07/2001 4 . 0 . 0 [get it](#)

---

Rel-4 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

**TS 33.102 3G security; Security architecture**

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc SIEMENS ATEA NV  
*freeze\_meeting:* SP-11 *G:* *U:* yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
SP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
SP-13 03/10/2001 4 . 2 . 0 [get it](#)  
SP-14 07/01/2002 4 . 3 . 0 [get it](#)  
SP-16 19/06/2002 4 . 4 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 264

02 December 2002 20:51:30

Server ACTIVE specs Rel-4 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

<b>TS 33.103</b>	<b>3G security; Integration guidelines</b>					
Rel-4	<i>current version:</i> 4.2.0	WG (prime / other):	S3 / -	<i>rapporteur:</i>	BLANCHARD, Colin	BT Group Plc
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-12 04/07/2001			<a href="#">get it</a>	<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.
	SP-13 03/10/2001			<a href="#">get it</a>		
<b>TS 33.105</b>	<b>Cryptographic Algorithm requirements</b>					
Rel-4	<i>current version:</i> 4.1.0	WG (prime / other):	S3 / -	<i>rapporteur:</i>	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-12 04/07/2001			<a href="#">get it</a>	<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.
<b>TS 33.106</b>	<b>Lawful interception requirements</b>					
Rel-4	<i>current version:</i> 4.0.0	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 04/04/2001			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<b>TS 33.107</b>	<b>3G security; Lawful interception architecture and functions</b>					
Rel-4	<i>current version:</i> 4.3.0	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 04/04/2001			<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-13 03/10/2001			<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-14 07/01/2002			<a href="#">get it</a>		
	SP-15 26/03/2002			<a href="#">get it</a>		
<b>TS 33.120</b>	<b>Security Objectives and Principles</b>					
Rel-4	<i>current version:</i> 4.0.0	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001			<a href="#">get it</a>	<i>remarks - general:</i>	
					<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

# 3GPP specification status

Page 265

02 December 2002 20:51:31

Server ACTIVE specs Rel-4 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

<b>TS 33.200</b>	<b>3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security</b>					
Rel-4	current version: 4.3.0	WG (prime / other):	S3 / -	rapporteur:	ESCOTT, Adrian	Hutchison 3G UK Limited
	freeze_meeting: SP-12	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	draft 26/06/2001	1 . 0 . 1	<a href="#">get it</a>	remarks - general:	2001-05-24: title grows MAP; see 33.210 for IP equivalent.	
	SA-12	2 . 0 . 0		remarks - this release:		
	SA-12 04/07/2001	4 . 0 . 0	<a href="#">get it</a>			
	SP-13 03/10/2001	4 . 1 . 0	<a href="#">get it</a>			
	SP-14 07/01/2002	4 . 2 . 0	<a href="#">get it</a>			
	SP-15 26/03/2002	4 . 3 . 0	<a href="#">get it</a>			
	SP-010322, ed notes in SP-010347					
<hr/>						
<b>TR 33.901</b>	<b>Criteria for cryptographic Algorithm design process</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	BLOM, Rolf	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 03/10/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release:	SP-15: Not to be promoted to Rel-5.	
<hr/>						
<b>TR 33.902</b>	<b>Formal Analysis of the 3G Authentication Protocol</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	HORN, Guenther	SIEMENS AG
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 03/10/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release:	SP-15: Not to be promoted to Rel-5.	
<hr/>						
<b>TR 33.903</b>	<b>Access Security for IP based services</b>					
Rel-4	current version: none	WG (prime / other):	S3 / -	rapporteur:	VACANT,	
	freeze_meeting:	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
				remarks - general:		
				remarks - this release:	.	
<hr/>						
<b>TR 33.908</b>	<b>3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms</b>					
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-11 03/10/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	TSG#7: S3-000105=NP-000049	
				remarks - this release:	SP-15: Not to be promoted to Rel-5.	

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 266

02 December 2002 20:51:31

Server ACTIVE specs Rel-4 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

**TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.  
correct misprint in 23/07/2001 4 . 0 . 1 [get it](#) *remarks - this release:* SP-15: Not to be promoted to Rel-5.  
spec number

---

Rel-4 34 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](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:* 4.4.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nuhman Anite Telecoms Ltd.  
*freeze\_meeting:* SP-13 *G:* U: yes *MCC:* SALMERON, Lidia  
*history (event, available, version,*  
TP-13 08/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*  
TP-15 20/03/2002 4 . 2 . 0 [get it](#)  
edito post TP-15 26/03/2002 4 . 2 . 1 [get it](#)  
TP-16 17/06/2002 4 . 3 . 0 [get it](#)  
TP-17 11/09/2002 4 . 4 . 0 [get it](#)

---

**TS 34.109 Terminal logical test interface; Special conformance testing functions**  
Rel-4 *current version:* 4.3.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* ARZELIER, Claude  
*history (event, available, version,*  
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.  
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:* TSG#9: Stable, so txfered from T1 to R2.  
RP-15 19/03/2002 4 . 2 . 0 [get it](#)  
RP-16 17/06/2002 4 . 3 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 267

02 December 2002 20:51:31

Server ACTIVE specs Rel-4 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia ADVANTEST Corporation  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release:*

---

## TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

Rel-4 *current version:* 4.5.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia ROHDE & SCHWARZ GmbH & Co.KG  
*history (event, available, version,*

TP-12 03/07/2001 4 . 0 . 0  
TP-13 03/10/2001 4 . 1 . 0  
TP-14 09/01/2002 4 . 2 . 0  
TP-15 21/03/2002 4 . 3 . 0  
TP-16 17/06/2002 4 . 4 . 0  
TP-17 05/09/2002 4 . 5 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia TELEPLUS LIMITED  
*history (event, available, version,*

TP-13 03/10/2001 4 . 0 . 0  
TP-14 09/01/2002 4 . 1 . 0  
TP-15 20/03/2002 4 . 2 . 0  
TP-16 19/06/2002 4 . 3 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng  
*freeze\_meeting:* SP-13 G: U: yes *MCC:* SALMERON, Lidia ETSI Secretariat  
*history (event, available, version,*

TP-13 04/10/2001 4 . 0 . 0  
TP-14 09/01/2002 4 . 1 . 0  
TP-15 21/03/2002 4 . 2 . 0  
TP-16 19/06/2002 4 . 3 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 268

02 December 2002 20:51:32

Server ACTIVE specs Rel-4 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

**TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)**

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-13 *G:* U: yes *MCC:* SALMERON, Lidia  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release:*

---

**TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
RP-11 10/04/2001 4 . 0 . 0

[get it](#) *remarks - general:* T1->R4@TSG#10  
*remarks - this release:*

---

**TR 34.910 Identification of test requirements for regulatory purposes in different regions/countries**

Rel-4 *current version:* 1.0.0 DRAFT *WG (prime / other):* T1 / - *rapporteur:* NIELSEN, Bjarke QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting:* SP-13 *G:* U: yes *MCC:* SALMERON, Lidia  
*history (event, available, version,*  
TP-05 13/10/1999 0 . 0 . 1  
TP-10 09/01/2001 1 . 0 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

**TR 34.926 Table of international EMC requirements**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute  
*freeze\_meeting:* SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar  
*history (event, available, version,*  
TP-09 06/10/2000 1 . 0 . 0  
RP-10 09/01/2001 4 . 0 . 0

[get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10  
[get it](#) *remarks - this release:*

---

Rel-4 35 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 269

02 December 2002 20:51:32

Server ACTIVE specs Rel-4 35 .- series  
[http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

<b>TS 35.201</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice						
<i>history (event, available, version,</i>									
	SP-11 28/08/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence		
	SP-14 07/01/2002 4 . 1 . 0					<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>									
<b>TS 35.202</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification</b>								
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,</i>									
	SP-11 28/08/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence		
							<i>remarks - this release:</i>		
<hr/>									
<b>TS 35.203</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data</b>								
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,</i>									
	SP-11 28/08/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence		
							<i>remarks - this release:</i>		
<hr/>									
<b>TS 35.204</b>	<b>Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data</b>								
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,</i>									
	SP-11 28/08/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence		
							<i>remarks - this release:</i>		
<hr/>									
<b>TS 35.205</b>	<b>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*;</b>								
Rel-4	<i>current version:</i> Document 1: General	4.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael				
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice						
<i>history (event, available, version,</i>									
	SP-11 09/05/2001 4 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i> ex SAGE. 2002-06: clarified that deliverable is TS not TR.		
							<i>remarks - this release:</i> TSG#11:changed to Rel-4.		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 270

02 December 2002 20:51:32

Server ACTIVE specs Rel-4 35 .- series  
[http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

<b>TS 35.206</b>	<b>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*;</b>							
Rel-4	<i>current version: Document 2: Algorithm specification</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>		<i>G:</i>	<i>U: yes</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>							
	SP-11 09/05/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE		
					<i>remarks - this release:</i>	TSG#11:changed to Rel-4		
<hr/>								
<b>TS 35.207</b>	<b>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*;</b>							
Rel-4	<i>current version: Document 3: Implementors' test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>		<i>G:</i>	<i>U: yes</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>							
	SP-11 09/05/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE		
					<i>remarks - this release:</i>	TSG#11:changed to Rel-4		
<hr/>								
<b>TS 35.208</b>	<b>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*;</b>							
Rel-4	<i>current version: Document 4: Design conformance test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>		<i>G:</i>	<i>U: yes</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>							
	SP-11 09/05/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE		
					<i>remarks - this release:</i>	TSG#11:changed to Rel-4		
<hr/>								
<b>TR 35.909</b>	<b>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*;</b>							
Rel-4	<i>current version: Document 5: Summary and results of design and evaluation</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>		<i>G:</i>	<i>U: yes</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</i>							
	SP-11 09/05/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	ex SAGE		
					<i>remarks - this release:</i>	TSG#11:Formerly 35.209 Rel-99 (but never made available)		

---

Rel-4 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 271

02 December 2002 20:51:32

Server ACTIVE specs Rel-4 41 .- series  
[http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

<b>TR 41.031</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<b>TR 41.033</b>	<b>Lawful Interception requirements for GSM</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 4 . 0 . 0		<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<b>TS 41.061</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<b>TS 41.102</b>	<b>GSM Release 4 specifications</b>					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-10 1 . 0 . 0		<i>remarks - general:</i> Né 41.001; renumbered at TSG#10.			
	SP-10 04/01/2001 1 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-11 11/04/2001 4 . 0 . 0	<a href="#">get it</a>				
	SP-12 05/07/2001 4 . 1 . 0	<a href="#">get it</a>				
	SP-13 01/10/2001 4 . 2 . 0	<a href="#">get it</a>				
	SP-14 03/01/2002 4 . 3 . 0	<a href="#">get it</a>				
	SP-15 27/03/2002 4 . 4 . 0	<a href="#">get it</a>				
	SP-16 19/06/2002 4 . 5 . 0	<a href="#">get it</a>				
	post SP-16 25/06/2002 4 . 5 . 1	<a href="#">get it</a>				
	editorial					
	SP-17 18/09/2002 4 . 6 . 0	<a href="#">get it</a>				

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 272

02 December 2002 20:51:33

Server ACTIVE specs Rel-4 41 .- series  
[http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

Rel-4 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

---

<b>TS 42.009</b>	<b>Security Aspects</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / S1 / NP	rapporteur: CHRISTOFFERSSON, Per	Telia Promotor AB					
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		<a href="#">get it</a>	remarks - general: remarks - this release: SP-15: Not to be promoted to Rel-5.						
<hr/>									
<b>TS 42.017</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD					
	history (event, available, version, TP-11 09/04/2001 4 . 0 . 0	G: yes U:	MCC: DIETZE, Claus						
		<a href="#">get it</a>	remarks - general: remarks - this release:						
<hr/>									
<b>TS 42.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A					
	history (event, available, version, TP-12 06/07/2001 4 . 0 . 0	G: yes U:	MCC: DIETZE, Claus						
		<a href="#">get it</a>	remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240. remarks - this release: .						
<hr/>									
<b>TS 42.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 /	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		<a href="#">get it</a>	remarks - general: remarks - this release:						

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 273

02 December 2002 20:51:33

Server ACTIVE specs Rel-4 42 .- series  
[http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

---

<b>TS 42.033</b>	<b>Lawful Interception; Stage 1</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S3 /	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH			
	freeze_meeting: SP-11	G: yes U:		MCC:	POPE, Maurice				
history (event, available, version,									
SP-11	10/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<hr/>									
<b>TS 42.043</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S1 /	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-11	02/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general: Was 22.043 at Rel99.				
					remarks - this release:				
<hr/>									
<b>TS 42.056</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1</b>								
Rel-4	current version: 4.0.0	WG (prime / other):	S1 / -	rapporteur:	GALLIGO, Michel	ALCATEL S.A.			
	freeze_meeting: SP-11	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-11	02/04/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				
<hr/>									
<b>TS 42.068</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer			
	freeze_meeting: SP-11	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-08	23/06/2000	4 . 0 . 0	32,304	<a href="#">get it</a>	remarks - general:				
edito	24/10/2000	4 . 0 . 1		<a href="#">get it</a>	remarks - this release:				
SP-10	08/01/2001	4 . 1 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 42.069</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>								
Rel-4	current version: 4.1.0	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer			
	freeze_meeting: SP-11	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-08	23/06/2000	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
edito	24/10/2000	4 . 0 . 1		<a href="#">get it</a>	remarks - this release:				
SP-10	08/01/2001	4 . 1 . 0		<a href="#">get it</a>					

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 274

02 December 2002 20:51:33

Server ACTIVE specs Rel-4 42 .- series  
[http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

Rel-4 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

<b>TR 43.005</b>	<b>Technical performance objectives</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-11 11/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<b>TS 43.010</b>	<b>GSM Public Land Mobile Network (PLMN) connection types</b>					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-10 08/01/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	NP-11 06/04/2001 4 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i>
	NP-17 17/09/2002 4 . 2 . 0				<a href="#">get it</a>	
<b>TS 43.013</b>	<b>Discontinuous Reception (DRX) in the GSM system</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<b>TS 43.019</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2</b>					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-11 23/10/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> For test spec, see 51.013.
	TP-14 17/01/2002 4 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i>
	TP-16 25/06/2002 4 . 2 . 0				<a href="#">get it</a>	
	TP-17 27/09/2002 4 . 3 . 0				<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 275

02 December 2002 20:51:33

Server ACTIVE specs Rel-4 43 .- series  
[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

## TS 43.020 Security-related network functions

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* S3 / NP / rapporteur: GILBERT, Henri France Telecom  
GP

*G:* yes *U:* *MCC:* POPE, Maurice

*history (event, available, version,*  
SP-09 04/11/2000 4 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 43.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

Rel-4 *current version:* 4.5.0  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / N1 rapporteur: HOWELL, Andrew MOTOROLA Ltd  
*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-01 10/10/2000 4 . 0 . 0  
edito 24/10/2000 4 . 0 . 1  
GP-02 24/11/2000 4 . 1 . 0  
edito 30/11/2000 4 . 1 . 1  
GP-03 15/02/2001 4 . 2 . 0  
GP-05 05/10/2001 4 . 3 . 0  
GP-10 19/07/2002 4 . 4 . 0  
GP-11 19/09/2002 4 . 5 . 0

[get it](#) *remarks - general:* Moved from SMG3 Jan 2000.  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / NP rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*G:* yes *U:* Peter Skov  
*MCC:* USAI, Paolino

*history (event, available, version,*  
GP-04 11/04/2001 4 . 0 . 0  
re-issue as TR 31/07/2002 4 . 0 . 1  
(not TS) as per  
03.26

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TR 43.030 Radio network planning aspects

Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11

*WG (prime / other):* G1 / - rapporteur: TEGTH, Ulf TELIA AB  
*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-01 10/10/2000 4 . 0 . 0  
some refs revert 24/10/2000 4 . 0 . 1  
to pre-Rel-4 GSM  
format

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 276

02 December 2002 20:51:34

Server ACTIVE specs Rel-4 43 .- series  
[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

<b>TS 43.031</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
<b>TS 43.033</b>	<b>Lawful Interception; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
<b>TS 43.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat	
	<i>history (event, available, version,</i> NP-11 06/04/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
<b>TS 43.050</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
<b>TS 43.052</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis		ALCATEL S.A.	
	<i>history (event, available, version,</i> GP-04 11/04/2001 4 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 277

02 December 2002 20:51:34

Server ACTIVE specs Rel-4 43 .- series  
[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

<b>TS 43.055</b>	<b>Dual Transfer Mode (DTM); Stage 2</b>					
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ,	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11			Jose Luis		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	GP-04 11/04/2001 4 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>		
	GP-05 29/06/2001 4 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>		
<hr/>						
<b>TR 43.058</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
<b>TS 43.059</b>	<b>Functional stage 2 description of Location Services (LCS) in GERAN</b>					
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-02 05/01/2001 1 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>		
	draft 02/02/2001 1 . 0 . 2	<a href="#">get it</a>		<i>remarks - this release:</i>		
	GP-04 09/05/2001 4 . 0 . 0	<a href="#">get it</a>				
	GP-05 29/06/2001 4 . 1 . 0	<a href="#">get it</a>				
	GP-06 01/10/2001 4 . 2 . 0	<a href="#">get it</a>				
	GP-07 04/01/2002 4 . 3 . 0	<a href="#">get it</a>				
	GP-08 19/02/2002 4 . 4 . 0	<a href="#">get it</a>				
	GP-10 19/07/2002 4 . 5 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 43.064</b>	<b>Overall description of the GPRS radio interface; Stage 2</b>					
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-03 15/02/2001 4 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>		
	GP-04 20/04/2001 4 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>		
	GP-07 04/01/2002 4 . 2 . 0	<a href="#">get it</a>				
	GP-08 19/02/2002 4 . 3 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 278

02 December 2002 20:51:34

Server ACTIVE specs Rel-4 43 .- series  
[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.068 Voice Group Call Service (VGCS); Stage 2

Rel-4 *current version:* 4.2.2  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-08 23/06/2000 4 . 0 . 0  
NP-09 12/10/2000 4 . 1 . 0  
edito 24/10/2000 4 . 1 . 1  
NP-10 02/01/2001 4 . 2 . 0  
edito 17/06/2002 4 . 2 . 1  
edito 28/06/2002 4 . 2 . 2

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.2.2  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
NP-08 23/06/2000 4 . 0 . 0  
NP-09 12/10/2000 4 . 1 . 0  
edito 28/06/2002 4 . 1 . 1  
NP-10 03/01/2001 4 . 2 . 0  
edito 06/06/2002 4 . 2 . 1  
Note 1 to 9 and 27/06/2002 4 . 2 . 2  
Note 2 to 10 in  
fig. 4

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

## TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-16  
*history (event, available, version,*  
SP-16 24/06/2002 4 . 0 . 0 = 23.073 v4.0.0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
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](http://www.3gpp.org/ftp/Specs/archive/44_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 279

02 December 2002 20:51:34

Server ACTIVE specs Rel-4 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

<b>TS 44.001</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 NP-16 20/06/2002 4 . 1 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release:	
<hr/>						
<b>TS 44.003</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release:	
<hr/>						
<b>TS 44.004</b>	<b>Layer 1 - General Requirements</b>					
Rel-4	current version: 4.2.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-06 14/09/2001 4 . 1 . 0 GP-07 08/01/2002 4 . 2 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: <a href="#">get it</a>	
<hr/>						
<b>TS 44.005</b>	<b>Data Link (DL) Layer General Aspects</b>					
Rel-4	current version: 4.0.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release:	
<hr/>						
<b>TS 44.006</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
Rel-4	current version: 4.1.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release:	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 280

02 December 2002 20:51:35

Server ACTIVE specs Rel-4 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

<b>TS 44.012</b>	<b>Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04		Peter Skov						
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	GP-04 04/05/2001 4 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)						
			<i>remarks - this release:</i> TSG#11: Replaces 24.012 for Rel-4 on.						
<hr/>									
<b>TS 44.013</b>	<b>Performance Requirements on Mobile Radio Interface</b>								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001 4 . 0 . 0								
	NP-16 20/06/2002 4 . 1 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i>						
		<a href="#">get it</a>	<i>remarks - this release:</i>						
<hr/>									
<b>TS 44.014</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001 4 . 0 . 0								
	GP-05 18/06/2001 4 . 1 . 0								
	GP-10 19/07/2002 4 . 2 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i>						
		<a href="#">get it</a>	<i>remarks - this release:</i>						
		<a href="#">get it</a>							

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 281

02 December 2002 20:51:35

Server ACTIVE specs Rel-4 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

Rel-4	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert	
<i>history (event, available, version,</i>				
04.18 to 3G	10/08/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
GP-01	11/10/2000	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #32:9.0.0 MCC-converted Aug00:
edito	24/10/2000	4 . 1 . 1	<a href="#">get it</a>	
GP-02	21/12/2000	4 . 2 . 0	<a href="#">get it</a>	
GP-03	31/01/2001	4 . 3 . 0	<a href="#">get it</a>	
GP-04	04/05/2001	4 . 4 . 0	<a href="#">get it</a>	
GP-05	18/06/2001	4 . 5 . 0	<a href="#">get it</a>	
GP-06	10/09/2001	4 . 6 . 0	<a href="#">get it</a>	
GP-07	08/01/2002	4 . 7 . 0	<a href="#">get it</a>	
GP-08	19/02/2002	4 . 8 . 0	<a href="#">get it</a>	
GP-09	02/05/2002	4 . 9 . 0	<a href="#">get it</a>	
edito post	GP-09 28/05/2002	4 . 9 . 1	<a href="#">get it</a>	
	GP-10 19/07/2002	4 . 10 . 0	<a href="#">get it</a>	
	GP-11 16/09/2002	4 . 11 . 0	<a href="#">get it</a>	

## 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	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version,</i>				
NP-10	21/12/2000	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-17	19/09/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>

## TS 44.031 Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)

Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert	
<i>history (event, available, version,</i>				
GP-04	04/05/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
GP-05	18/06/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>
GP-06	14/09/2001	4 . 2 . 0	<a href="#">get it</a>	
GP-07	08/01/2002	4 . 3 . 0	<a href="#">get it</a>	
GP-08	19/02/2002	4 . 4 . 0	<a href="#">get it</a>	
GP-09	02/05/2002	4 . 5 . 0	<a href="#">get it</a>	
GP-10	19/07/2002	4 . 6 . 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 282

02 December 2002 20:51:35

Server ACTIVE specs Rel-4 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

<b>TS 44.035</b>	<b>Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods</b>								
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	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>									
	GP-04 04/05/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	GP-07 08/01/2002	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
<hr/>									
<b>TS 44.056</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
<i>history (event, available, version,</i>									
	NP-11 11/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
<b>TS 44.057</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
<i>history (event, available, version,</i>									
	NP-11 11/04/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
<b>TS 44.060</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol</b>								
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>									
	GP-03 31/01/2001	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System				
	GP-04 04/05/2001	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	(BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
	GP-05 18/06/2001	4 . 2 . 0	<a href="#">get it</a>						
	GP-06 14/09/2001	4 . 3 . 0	<a href="#">get it</a>						
	GP-07 09/01/2002	4 . 4 . 0	<a href="#">get it</a>						
	GP-08 19/02/2002	4 . 5 . 0	<a href="#">get it</a>						
	GP-09 03/05/2002	4 . 6 . 0	<a href="#">get it</a>						
edito post	GP-09 28/05/2002	4 . 6 . 1	<a href="#">get it</a>						
	GP-10 19/07/2002	4 . 7 . 0	<a href="#">get it</a>						
	GP-11 16/09/2002	4 . 8 . 0	<a href="#">get it</a>						

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 283

02 December 2002 20:51:36

Server ACTIVE specs Rel-4 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

---

<b>TS 44.064</b>	<b>Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification</b>				
Rel-4	current version: 4.3.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: SP-11	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	NP-11 11/04/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-12 29/06/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	NP-14 04/01/2002	4 . 2 . 0	<a href="#">get it</a>		
	NP-15 19/03/2002	4 . 3 . 0	<a href="#">get it</a>		

---

<b>TS 44.065</b>	<b>Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDSCP)</b>				
Rel-4	current version: 4.2.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: SP-11	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	NP-10 02/01/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-13 02/10/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	NP-15 19/03/2002	4 . 2 . 0	<a href="#">get it</a>		

---

<b>TS 44.068</b>	<b>Group Call Control (GCC) Protocol</b>				
Rel-4	current version: 4.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-11	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	conversion to 06/09/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	3GPP format			remarks - this release:	
	NP-09 12/10/2000	4 . 1 . 0	<a href="#">get it</a>		
	edito 24/10/2000	4 . 1 . 1	<a href="#">get it</a>		
	NP-12 29/06/2001	4 . 2 . 0	<a href="#">get it</a>		
	NP-16 19/06/2002	4 . 3 . 0	<a href="#">get it</a>		

---

<b>TS 44.069</b>	<b>Broadcast Call Control (BCC) protocol</b>				
Rel-4	current version: 4.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-11	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	NP-08 23/06/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-09 12/10/2000	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	edito 24/10/2000	4 . 1 . 1	<a href="#">get it</a>		
	NP-12 29/06/2001	4 . 2 . 0	<a href="#">get it</a>		
	NP-16 19/06/2002	4 . 3 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 284

02 December 2002 20:51:36

Server ACTIVE specs Rel-4 44 .- series  
[http://www.3gpp.org/ftp/Specs/archive/44\\_series](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 MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
GP-07 08/01/2002 4 . 2 . 0 [get it](#)  
GP-10 19/07/2002 4 . 3 . 0 [get it](#)

Rel-4 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.001 Physical Layer on the Radio Path (General Description)

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*  
GP-07 04/01/2002 4 . 1 . 0 [get it](#)

## TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*  
GP-02 24/11/2000 4 . 1 . 0 [get it](#)  
edito 30/11/2000 4 . 1 . 1 [get it](#)  
GP-03 15/01/2001 4 . 2 . 0 [get it](#)  
edito 27/02/2001 4 . 2 . 1 [get it](#)  
GP-04 20/04/2001 4 . 3 . 0 [get it](#)  
GP-06 01/10/2001 4 . 4 . 0 [get it](#)  
GP-07 04/01/2002 4 . 5 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 285

02 December 2002 20:51:36

Server ACTIVE specs Rel-4 45 .- series  
[http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

## TS 45.003 Channel coding

Rel-4 *current version:* 4.1.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

GP-03 06/02/2001 4 . 0 . 0

GP-07 04/01/2002 4 . 1 . 0

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

---

## TS 45.004 Modulation

Rel-4 *current version:* 4.2.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

GP-04 18/06/2001 4 . 0 . 0

GP-05 29/06/2001 4 . 1 . 0

GP-07 04/01/2002 4 . 2 . 0

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist

*G: yes U:* *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

---

## TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.9.0

*freeze\_meeting:* SP-11

*history (event, available, version,*

GP-01 10/10/2000 4 . 0 . 0

edito 24/10/2000 4 . 0 . 1

GP-02 24/11/2000 4 . 1 . 0

edito 30/11/2000 4 . 1 . 1

GP-03 15/02/2001 4 . 2 . 0

GP-04 20/04/2001 4 . 3 . 0

GP-05 29/06/2001 4 . 4 . 0

GP-06 01/10/2001 4 . 5 . 0

GP-07 04/01/2002 4 . 6 . 0

GP-09 06/05/2002 4 . 7 . 0

GP-10 19/07/2002 4 . 8 . 0

GP-11 19/09/2002 4 . 9 . 0

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats

*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 286

02 December 2002 20:51:37

Server ACTIVE specs Rel-4 45 .- series  
[http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.008 Radio subsystem link control

Rel-4 current version: 4.9.0

freeze\_meeting: SP-11

history (event, available, version,

GP-01	01/09/2000	4	.	0	.	0
GP-02	24/11/2000	4	.	1	.	0
edito	30/11/2000	4	.	1	.	1
GP-03	15/02/2001	4	.	2	.	0
GP-04	20/04/2001	4	.	3	.	0
GP-05	29/06/2001	4	.	4	.	0
GP-06	01/10/2001	4	.	5	.	0
GP-07	04/01/2002	4	.	6	.	0
GP-08	18/02/2002	4	.	7	.	0
GP-09	06/05/2002	4	.	8	.	0
GP-10	19/07/2002	4	.	9	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 45.009 Link adaptation

Rel-4 current version: 4.2.0

freeze\_meeting: SP-11

history (event, available, version,

GP-02	06/02/2001	4	.	0	.	0
GP-06	01/10/2001	4	.	1	.	0
GP-07	04/01/2002	4	.	2	.	0

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

G: yes U: MCC: Peter Skov  
USAI, Paolino

MOTOROLA A/S

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)

## TS 45.010 Radio subsystem synchronization

Rel-4 current version: 4.3.0

freeze\_meeting: SP-11

history (event, available, version,

GP-04	20/04/2001	4	.	0	.	0
GP-07	04/01/2002	4	.	1	.	0
GP-08	19/02/2002	4	.	2	.	0
GP-10	19/07/2002	4	.	3	.	0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 287

02 December 2002 20:51:37

Server ACTIVE specs Rel-4 45 .- series  
[http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

---

**TR 45.022 Radio link management in hierarchical networks**  
Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
GP-04 11/04/2001 4 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TR 45.050 Background for RF Requirements**  
Rel-4 *current version:* 4.0.1  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
GP-04 11/04/2001 4 . 0 . 0  
make figures 01/08/2001 4 . 0 . 1  
legible

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*G: yes U:* *MCC:* Peter Skov  
USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

**TS 45.056 CTS-FP Radio Sub-system**  
Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
GP-04 11/04/2001 4 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:*

---

Rel-4 **46** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

**TS 46.001 Full Rate Speech Processing Functions**  
Rel-4 *current version:* 4.0.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 10/10/2001 4 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 288

02 December 2002 20:51:37

Server ACTIVE specs Rel-4 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.002</b>	<b>Half Rate Speech Processing Functions</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 46.006</b>	<b>Half-rate speech: ANSI-C code for GSM half-rate speech codec</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 46.007</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TR 46.008</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 46.010</b>	<b>Full-rate speech transcoding</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-12 29/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 289

02 December 2002 20:51:37

Server ACTIVE specs Rel-4 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.011</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<b>TS 46.012</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	SP-12 29/06/2001 4 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i>
<b>TS 46.020</b>	<b>Half Rate Speech Transcoding</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<b>TS 46.021</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<b>TS 46.022</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 290

02 December 2002 20:51:38

Server ACTIVE specs Rel-4 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.031</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TS 46.032</b>	<b>Voice Activity Detection (VAD)</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TS 46.041</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TS 46.042</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TS 46.051</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 291

02 December 2002 20:51:38

Server ACTIVE specs Rel-4 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.053</b>	<b>ANSI-C code for the GSM Enhanced full rate speech codec</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TS 46.054</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TR 46.055</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TS 46.060</b>	<b>Enhanced full rate speech transcoding</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
<b>TS 46.061</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 292

02 December 2002 20:51:38

Server ACTIVE specs Rel-4 46 .- series  
[http://www.3gpp.org/ftp/Specs/archive/46\\_series](http://www.3gpp.org/ftp/Specs/archive/46_series)

---

<b>TS 46.062</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<b>TR 46.076</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Study phase report</b>					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	fix invisible 10/01/2002 4 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i>	
<b>TS 46.081</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<b>TS 46.082</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>
<b>TR 46.085</b>	<b>Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation</b>					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	<i>remarks - this release:</i>

---

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 293

02 December 2002 20:51:38

Server ACTIVE specs Rel-4 48 .- series  
[http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

Rel-4 48 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

<b>TS 48.001</b>	<b>General Aspects on the BSS-MSC Interface</b>					
Rel-4	current version: 4.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-04		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 48.002</b>	<b>Base Station System- Mobile Services Switching Centre(BSS-MSC) Interface- Interface Principles</b>					
Rel-4	current version: 4.2.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-04		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-05 18/06/2001 4 . 1 . 0 GP-07 08/01/2002 4 . 2 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
		Rel-5 CR undone. Effectively reverts to 4.0.0			<a href="#">get it</a>	
<hr/>						
<b>TS 48.004</b>	<b>Base Station System- Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
Rel-4	current version: 4.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-04		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>						
<b>TS 48.006</b>	<b>Signalling Transport Mechanism Specification for the Base Station System- Mobile Services Switching Centre (BSS-MSC) Interface</b>					
Rel-4	current version: 4.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: GP-04		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release:

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 294

02 December 2002 20:51:38

Server ACTIVE specs Rel-4 48 .- series  
[http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

<b>TS 48.008</b>	<b>Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>				
Rel-4	current version: 4.8.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-04		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,					
08.08 to 3G	11/08/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
GP-01	11/10/2000	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
edito	24/10/2000	4 . 1 . 1	<a href="#">get it</a>		
GP-02	11/01/2001	4 . 2 . 0	<a href="#">get it</a>		
GP-03	31/01/2001	4 . 3 . 0	<a href="#">get it</a>		
GP-04	04/05/2001	4 . 4 . 0	<a href="#">get it</a>		
GP-06	14/09/2001	4 . 5 . 0	<a href="#">get it</a>		
GP-07	08/01/2002	4 . 6 . 0	<a href="#">get it</a>		
GP-08	19/02/2002	4 . 7 . 0	<a href="#">get it</a>		
GP-10	19/07/2002	4 . 8 . 0	<a href="#">get it</a>		

---

<b>TS 48.014</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1</b>				
Rel-4	current version: 4.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-04		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,					
GP-04	04/05/2001	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
				remarks - this release:	

---

<b>TS 48.016</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>				
Rel-4	current version: 4.2.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-04		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,					
GP-02	17/11/2000	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
GP-04	04/05/2001	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
edito	07/06/2001	4 . 1 . 1	<a href="#">get it</a>		
GP-06	14/09/2001	4 . 2 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 295

02 December 2002 20:51:39

Server ACTIVE specs Rel-4 48 .- series  
[http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

<b>TS 48.018</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA	
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-02 17/11/2000 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	GP-03 31/01/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	GP-04 04/05/2001 4 . 2 . 0	<a href="#">get it</a>				
	GP-05 18/06/2001 4 . 3 . 0	<a href="#">get it</a>				
	edito 29/06/2001 4 . 3 . 1	<a href="#">get it</a>				
	GP-06 10/09/2001 4 . 4 . 0	<a href="#">get it</a>				
	GP-09 06/05/2002 4 . 5 . 0	<a href="#">get it</a>				

---

<b>TS 48.020</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-11 06/04/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	NP-17 19/09/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

<b>TS 48.031</b>	<b>Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	GP-05 18/06/2001 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

<b>TS 48.051</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	GP-07 08/01/2002 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 296

02 December 2002 20:51:39

Server ACTIVE specs Rel-4 48 .- series  
[http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

<b>TS 48.052</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 edito 15/05/2001 4 . 0 . 1	<a href="#">get it</a> <i>remarks - general:</i> <a href="#">get it</a> <i>remarks - this release:</i>				
<hr/>						
<b>TS 48.054</b>	<b>Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>						
<b>TS 48.056</b>	<b>Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification</b>					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	<a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>						
<b>TS 48.058</b>	<b>Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification</b>					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	<a href="#">get it</a> <i>remarks - general:</i> <a href="#">get it</a> <i>remarks - this release:</i>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 297

02 December 2002 20:51:39

Server ACTIVE specs Rel-4 48 .- series  
[http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

**TS 48.060 In-band control of remote transcoders and rate adaptors for full rate traffic channels**  
Rel-4 *current version:* 4.1.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
edito 28/05/2001 4 . 0 . 1 [get it](#) *remarks - this release:*  
GP-08 19/02/2002 4 . 1 . 0 [get it](#)

---

**TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
Rel-4 *current version:* 4.1.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
GP-08 19/02/2002 4 . 1 . 0 [get it](#) *remarks - this release:* Cover sheet still shows version 4.0.0 and wrong date.  
editorial pody 20/03/2002 4 . 1 . 1 [get it](#)  
GP-08

---

**TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification**  
Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
GP-06 14/09/2001 4 . 1 . 0 [get it](#) *remarks - this release:*  
GP-07 08/01/2002 4 . 2 . 0 [get it](#)  
GP-08 19/02/2002 4 . 3 . 0 [get it](#)

---

Rel-4 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 298

02 December 2002 20:51:40

Server ACTIVE specs Rel-4 49 .- series  
[http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

**TR 49.001 General network interworking scenarios**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting:* SP-11 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated  
*freeze\_meeting:* SP-11 *G:* yes *U:* *MCC:* ROUZBEH, Per Johan  
*history (event, available, version,*  
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
draft 17/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)**  
Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G:* yes *U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 03/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*  
GP-06 14/09/2001 4 . 1 . 0 [get it](#)  
edito 03/10/2001 4 . 1 . 1 [get it](#)  
GP-07 08/01/2002 4 . 2 . 0 [get it](#)  
GP-10 19/07/2002 4 . 3 . 0 [get it](#)

---

Rel-4 50 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

---

**TR 50.059 Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE**  
Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* SP-11 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*  
edito 01/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 299

02 December 2002 20:51:40

Server ACTIVE specs Rel-4 50 .- series  
[http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

Rel-4 51 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](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 freeze\_meeting: SP-11  
WG (prime / other): G5 / S1 / NP / T2 / SCP / G4  
rapporteur: HU, Shicheng ETSI Secretariat

G: yes U: MCC: SALMERON, Lidia

### history (event, available, version,

conversion from	01/08/2000	4	.	0	.	1
11.10-1 v9.0.1						
edito	24/10/2000	4	.	0	.	2
GP-02	01/12/2000	4	.	1	.	0
edito to correct	01/12/2000	4	.	1	.	1
Release						
edito	17/01/2001	4	.	1	.	2
GP-03	22/01/2001	4	.	2	.	0
GP-04	11/04/2001	4	.	3	.	0
GP-05	05/06/2001	4	.	4	.	0
GP-06	31/08/2001	4	.	5	.	0
GP-07	09/01/2002	4	.	6	.	0
GP-08	26/02/2002	4	.	7	.	0
GP-09	03/05/2002	4	.	8	.	0
GP-10	19/07/2002	4	.	9	.	0
GP-11	20/09/2002	4	.	10	.	0

[get it](#)

remarks - general: 2001-11-19: G4->G5.

remarks - this release: #32:9.0.0 MCC-converted Aug00:4.0.1

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 300

02 December 2002 20:51:40

Server ACTIVE specs Rel-4 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.010-2 Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

GP-02		1	.	0	.	0
GP-04	11/04/2001	4	.	0	.	0
GP-05	05/06/2001	4	.	1	.	0
GP-06	31/08/2001	4	.	2	.	0
GP-07	09/01/2002	4	.	3	.	0
GP-07 minor editorial	18/01/2002	4	.	3	.	1
GP-08	26/02/2002	4	.	4	.	0
GP-09	29/04/2002	4	.	5	.	0
GP-10	03/07/2002	4	.	6	.	0
GP-11	19/09/2002	4	.	7	.	0

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:*

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-11

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*

GERSAN-1	06/09/2000	4	.	0	.	0
edito	24/10/2000	4	.	0	.	1
GP-02	30/11/2000	4	.	1	.	0
GP-05	28/06/2001	4	.	2	.	0
GP-06	14/09/2001	4	.	3	.	0
GP-07	21/01/2002	4	.	4	.	0
GP-08	19/02/2002	4	.	5	.	0
GP-09	29/04/2002	4	.	6	.	0
GP-10	19/07/2002	4	.	7	.	0

*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 acces; U = required in systems with UMTS

# 3GPP specification status

Page 301

02 December 2002 20:51:40

Server ACTIVE specs Rel-4 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

<b>TS 51.011</b>	<b>Specification of the Subscriber Identity Module - Mobile Equipment (SIM -ME) interface</b>								
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.				
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
<i>history (event, available, version,</i>									
	TP-11 09/04/2001	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> TP-14: talk of changing title to "Characteristics of the SIM application".				
	TP-12 06/07/2001	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems				
	TP-13 11/10/2001	4 . 2 . 0		<a href="#">get it</a>	to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version				
	TP-14 17/01/2002	4 . 3 . 0		<a href="#">get it</a>					
	TP-16 25/06/2002	4 . 4 . 0		<a href="#">get it</a>					
	TP-17 18/09/2002	4 . 5 . 0		<a href="#">get it</a>					

---

<b>TS 51.013</b>	<b>Test specification for SIM API for Java card</b>								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.				
	<i>freeze_meeting:</i> TP-21		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
<i>history (event, available, version,</i>									
	TP-16 26/06/2002	1 . 0 . 0	TP-020128	<a href="#">get it</a>	<i>remarks - general:</i>				
	TP-17 23/09/2002	2 . 0 . 0	TP-020220. Doc has been created without CRs and with no Change History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR.	<a href="#">get it</a>	<i>remarks - this release:</i> TP-15: New WI approved in TP-020029.				

---

<b>TS 51.021</b>	<b>GSM radio aspects base station system equipment specification</b>								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
<i>history (event, available, version,</i>									
	GP-07 11/01/2002	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	GP-10 19/07/2002	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .				

---

<b>TS 51.026</b>	<b>GSM Repeater Equipment Specification</b>								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
<i>history (event, available, version,</i>									
	post-TSG-14 23/01/2002	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 302

02 December 2002 20:51:41

Server ACTIVE specs Rel-4 52 .- series  
[http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

Rel-4 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

---

**TS 52.021 Network Management (NM) Procedures and Messages on the A-bis Interface**

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* GP-09 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-09 06/05/2002 4 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM**

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-13 *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402 [get it](#) *remarks - general:* SP-13: replaces 32.402.  
SP-16 20/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:* .

---

## R99

R99 **01** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 303

02 December 2002 20:51:41

Server ACTIVE specs R99 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.01 GSM Release 1999 Specifications

R99 *current version:* 8.7.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

draft 01/08/1999 0 . 0 . 0

draft 01/08/1999 0 . 0 . 1

mods to draft 01/09/1999 0 . 0 . 2

more mods 07/09/1999 0 . 0 . 3

WOME cmnts 15/09/1999 0 . 1 . 0

included

Becomes T2/smg4 21/09/1999 0 . 2 . 0

responsibility

draft 04/08/2000 0 . 3 . 0

editorials 01/10/1999 0 . 3 . 0

align w ith 21.101 07/10/1999 0 . 4 . 0

smg-30 11/11/1999 1 . 0 . 0

align with 21.101 30/11/1999 1 . 1 . 0

smg-31 bis 2 . 0 . 0

smg-32 20/06/2000 8 . 0 . 0

SP-10 04/01/2001 8 . 1 . 0

SP-12 05/07/2001 8 . 2 . 0

SP-13 01/10/2001 8 . 3 . 0

SP-14 03/01/2002 8 . 4 . 0

SP-15 27/03/2002 8 . 5 . 0

SP-16 19/06/2002 8 . 6 . 0

SP-17 18/09/2002 8 . 7 . 0

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

Alignment with 21.101: 1.1.0.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TR 01.04 Abbreviations and acronyms

R99 *current version:* 8.0.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

upgrade to R99 10/05/2000 8 . 0 . 0

WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd

G: yes U: *MCC:* USAI, Paulino

[get it](#) *remarks - general:*

*remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 304

02 December 2002 20:51:41

Server ACTIVE specs R99 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0**  
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice One  
*history (event, available, version,*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TR 01.33 Lawful Interception requirements for GSM**  
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements**  
R99 *current version:* 8.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

R99 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.09 Security aspects**  
R99 *current version:* 8.0.1 *WG (prime / other):* S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
*freeze\_meeting:* SP-06 NP *G: yes U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 05/06/2001 8 . 0 . 1 [get it](#) *remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 305

02 December 2002 20:51:41

Server ACTIVE specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>	R99 current version: 8.0.0 freeze_meeting: SP-06 history (event, available, version, smg-30 11/11/1999 8 . 0 . 0	WG (prime / other): T3 / S1 G: yes U:	rapporteur: HOOKER, Philip MCC: DIETZE, Claus	ORANGE PCS LTD	<a href="#">get it</a> remarks - general: remarks - this release:
<b>TS 02.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>	R99 current version: 8.0.0 freeze_meeting: SP-12 history (event, available, version, TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14	WG (prime / other): T3 / - G: yes U:	rapporteur: DIETRICH, Christian MCC: DIETZE, Claus	SchlumbergerSema - Schlumberger Systèmes S.A	<a href="#">get it</a> remarks - general: SMG9->T3@#31 remarks - this release: Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>	R99 current version: 8.0.1 freeze_meeting: SP-06 history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1	WG (prime / other): S3 / G: yes U:	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One	<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .
<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>	R99 current version: 8.0.1 freeze_meeting: SP-06 history (event, available, version, Upgrade to R99 14/04/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1	WG (prime / other): S3 / G: yes U:	rapporteur: MCKIBBEN, Bernie MCC: POPE, Maurice	MOTOROLA GmbH	<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: .
<b>TS 02.43</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>	R99 current version: 8.0.0 freeze_meeting: SP-06 history (event, available, version, SP-11 02/05/2001 8 . 0 . 0	WG (prime / other): S1 / G: yes U:	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael	NOKIA Corporation	<a href="#">get it</a> remarks - general: remarks - this release: TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 306

02 December 2002 20:51:42

Server ACTIVE specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel  
*G: yes U:* MCC: DIETZE, Claus

MOTOROLA Ltd

*history (event, available, version,*  
Upgrade to R99 17/05/2000 8 . 0 . 0

[get it](#) *remarks - general:* SMG9->T3@#31  
*remarks - this release:* .

## TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S4 / *rapporteur:* NAVARRO, William  
*G: yes U:* MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

*history (event, available, version,*  
upgrade to R99 16/11/2000 8 . 0 . 0  
ETSI publication 20/07/2001 8 . 0 . 1

[get it](#) *remarks - general:* SMG11->S4 at SMG#30  
[get it](#) *remarks - this release:* Nov-00: Created to fill the gap.

## TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R99 *current version:* 8.0.1  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / - *rapporteur:* GALLIGO, Michel  
*G: yes U:* MCC: CLAYTON, Michael

ALCATEL S.A.

*history (event, available, version,*  
Upgrade to R99 01/05/2000 8 . 0 . 0  
ETSI publication 17/10/2000 8 . 0 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R99 *current version:* 8.1.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / - *rapporteur:* GILES, Les  
*G: yes U:* MCC: CLAYTON, Michael

Union Internationale des Chemins de Fer

*history (event, available, version,*  
smg-31 30/11/2000 8 . 0 . 0  
SP-10 12/01/2001 8 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R99 *current version:* 8.1.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / - *rapporteur:* GILES, Les  
*G: yes U:* MCC: CLAYTON, Michael

Union Internationale des Chemins de Fer

*history (event, available, version,*  
Upgrade to R99 10/05/2000 8 . 0 . 0  
ETSI publication 17/10/2000 8 . 0 . 1  
SP-10 12/01/2001 8 . 1 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* . TSG#10:8.1.0  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 307

02 December 2002 20:51:42

Server ACTIVE specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.76</b>	<b>Noise Suppression for the AMR</b>					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 2 . 0 . 0				remarks - general:	
	SP-07 17/03/2000 8 . 0 . 0				remarks - this release:	
	ETSI publication 30/07/2002 8 . 0 . 1	ETSI publication only - 3GPP use 8.0.0	<a href="#">get it</a>			
	(not for 3GPP server)		<a href="#">get it</a>			
<hr/>						
<b>TS 02.94</b>	<b>Follow Me Service description; Stage 1</b>					
R99	current version: 8.0.0	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-28 1 . 0 . 0				remarks - general:	
	smg-30 11/11/1999 8 . 0 . 0				remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or	
			<a href="#">get it</a>			
<hr/>						
<b>TS 02.95</b>	<b>Support of Private Numbering Plan (SPNP); Service description; Stage 1</b>					
R99	current version: 8.0.0	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-07 17/03/2000 8 . 0 . 0				remarks - general:	
			<a href="#">get it</a>		remarks - this release: .	

---

---

R99

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.05</b>	<b>Technical performance objectives</b>					
R99	current version: 8.0.0	WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting: SP-06	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	Upgrade to R99 30/06/2000 8 . 0 . 0				remarks - general:	
			<a href="#">get it</a>		remarks - this release: .	

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 308

02 December 2002 20:51:42

Server ACTIVE specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>				
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-06 17/12/1999 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	NP-09 18/10/2000 8 . 2 . 0	<a href="#">get it</a>			
	NP-10 21/12/2000 8 . 3 . 0	<a href="#">get it</a>			

---

<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	Upgrade to R99 29/03/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

---

<b>TS 03.19</b>	<b>GSM API for SIM toolkit stage 2</b>				
R99	<i>current version:</i> 8.5.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>				
	Upgrade to R99 27/07/2001 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SMG9->T3@#31		
	TP-11 27/07/2001 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	TP-12 27/07/2001 8 . 2 . 0	<a href="#">get it</a>			
	TP-14 17/01/2002 8 . 3 . 0	<a href="#">get it</a>			
	TP-16 19/06/2002 8 . 4 . 0	<a href="#">get it</a>			
	editorial post 14/08/2002 8 . 4 . 1	<a href="#">get it</a>			
	TP-16				
	TP-17 27/09/2002 8 . 5 . 0	<a href="#">get it</a>			

---

<b>TS 03.20</b>	<b>Security-related Network Functions</b>				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-30 24/11/1999 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-32 20/06/2000 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 309

02 December 2002 20:51:42

Server ACTIVE specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>					
R99	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and		
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> group receive mode".		
	smg-30b 06/12/1999	8 . 2 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000	8 . 3 . 0	<a href="#">get it</a>			
	GP-03 15/02/2001	8 . 4 . 0	<a href="#">get it</a>			
	GP-05 29/06/2001	8 . 5 . 0	<a href="#">get it</a>			
	GP-10 19/07/2002	8 . 6 . 0	<a href="#">get it</a>			
	GP-11 19/09/2002	8 . 7 . 0	<a href="#">get it</a>			

---

<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	Upgrade to R99 29/03/2000	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>					
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TELIA AB		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0		
	smg-30 bis 06/12/1999	8 . 2 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000	8 . 3 . 0	<a href="#">get it</a>			

---

<b>TS 03.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>					
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		
	<i>freeze_meeting:</i> SP-06			One		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	Upgrade to R99 30/06/2000	8 . 0 . 0	<a href="#">get it</a>	<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.		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 310

02 December 2002 20:51:43

Server ACTIVE specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.33</b>	<b>Lawful Interception; Stage 2</b>								
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:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	Upgrade to R99	30/06/2000	8 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
	SP-10	21/12/2000	8 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:8.1.0	
<hr/>									
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
R99	<i>current version:</i> 8.0.1			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29	30/06/1999	8 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI publication	30/10/2001	8 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i>	
<hr/>									
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
R99	<i>current version:</i> 8.0.1			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-06	17/12/1999	8 . 0 . 0 (source Klehn)				<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI puboication		8 . 0 . 1	ETSI format only. Not for 3GPP use.				<i>remarks - this release:</i>	
<hr/>									
<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>								
R99	<i>current version:</i> 8.8.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-06			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	smg-29	30/06/1999	8 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> SMG9->T3@#31	
	smg-30	11/11/1999	8 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-31	16/02/2000	8 . 2 . 0				<a href="#">get it</a>		
	TP-08	28/06/2000	8 . 3 . 0				<a href="#">get it</a>		
	TP-09	18/10/2000	8 . 4 . 0				<a href="#">get it</a>		
	TP-11	09/04/2001	8 . 5 . 0				<a href="#">get it</a>		
	TP-12	06/07/2001	8 . 6 . 0				<a href="#">get it</a>		
	TP-13	12/10/2001	8 . 7 . 0				<a href="#">get it</a>		
	TP-14	17/01/2002	8 . 8 . 0				<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 311

02 December 2002 20:51:43

Server ACTIVE specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>					
R99	current version: 8.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	Upgrade to R99 29/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI publication 22/09/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: #32:8.1.0		
	smg-32 20/06/2000	8 . 1 . 0	<a href="#">get it</a>			
	ETSI publication 29/11/2000	8 . 1 . 1	<a href="#">get it</a>			
<b>TS 03.52</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>					
R99	current version: 8.0.1	WG (prime / other): G1 / -	rapporteur: GIRAUD, Alexis	ALCATEL S.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	Upgrade to R99 29/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI publication 29/09/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .		
<b>TS 03.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>					
R99	current version: 8.0.0	WG (prime / other): S4 / NP / S2	rapporteur: FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general: Mar00: prime responsibility txfrd to SMG11		
				remarks - this release: .		
<b>TS 03.55</b>	<b>Dual Transfer Mode (DTM); Stage 2</b>					
R99	current version: 8.0.0	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,					
	GP-02 05/01/2001	8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release: GERAN#2: 8.0.0		
<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>					
R99	current version: 8.0.0	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
				remarks - this release: .		

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 312

02 December 2002 20:51:43

Server ACTIVE specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 *current version:* 8.10.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version,*

smg-29	30/06/1999	8	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
smg-30	11/11/1999	8	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
smg-30 bis	06/12/1999	8	.	2	.	0	<a href="#">get it</a>
smg-31	16/02/2000	8	.	3	.	0	<a href="#">get it</a>
smg-31 bis	17/04/2000	8	.	4	.	0	<a href="#">get it</a>
smg-32	20/06/2000	8	.	5	.	0	<a href="#">get it</a>
GP-01	09/10/2000	8	.	6	.	0	<a href="#">get it</a>
GP-03	15/02/2001	8	.	7	.	0	<a href="#">get it</a>
GP-04	20/04/2001	8	.	8	.	0	<a href="#">get it</a>
GP-07	04/01/2002	8	.	9	.	0	<a href="#">get it</a>
GP-08	19/02/2002	8	.	10	.	0	<a href="#">get it</a>

---

## TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*

smg-31	16/02/2000	8	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-07	17/03/2000	8	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> #31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32	20/06/2000	8	.	2	.	0	<a href="#">get it</a>

---

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*

smg-31	16/02/2000	8	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-07	17/03/2000	8	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32	20/06/2000	8	.	2	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 313

02 December 2002 20:51:44

Server ACTIVE specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.71 Location Services (LCS); Functional description; Stage 2

R99 *current version:* 8.7.0  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
Upgrade to R99 30/06/2000 8 . 0 . 0  
SP-11 11/04/2001 8 . 1 . 0  
SP-12 29/06/2001 8 . 2 . 0  
SP-13 15/10/2001 8 . 3 . 0  
SP-14 07/01/2002 8 . 4 . 0  
SP-15 02/04/2002 8 . 5 . 0  
SP-16 17/06/2002 8 . 6 . 0  
SP-17 24/09/2002 8 . 7 . 0

*WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*G: yes U:* *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*  
*remarks - this release:* Need identified at TSG#7, since 23.171 does not cover GSM.

## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-16  
*history (event, available, version,*  
SP-16 24/06/2002 8 . 0 . 0 technically identical to 23.073 v3.0.1

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.  
*remarks - this release:* SP-16: 23.073 reverts to GERAN-only.

R99 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 *current version:* 8.0.0  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release:* #31: 8.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 314

02 December 2002 20:51:44

Server ACTIVE specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>					
R99	current version: 8.0.2	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-30	11/11/1999	8	. 0	. 0	<a href="#">get it</a>	remarks - general:
ETSI publication	07/09/2001	8	. 0	. 1	<a href="#">get it</a>	remarks - this release:
edito	17/06/2002	8	. 0	. 2	<a href="#">get it</a>	

---

<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>					
R99	current version: 8.1.2	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG
	freeze_meeting: SP-06	G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-30	11/11/1999	8	. 0	. 0	<a href="#">get it</a>	remarks - general:
smg-30 bis	06/12/1999	8	. 1	. 0	<a href="#">get it</a>	remarks - this release:
ETSI publication	07/09/2001	8	. 1	. 1	<a href="#">get it</a>	
edito	17/06/2002	8	. 1	. 2	<a href="#">get it</a>	

---

<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>					
R99	current version: 8.0.2	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
Upgrade to R99	30/03/2000	8	. 0	. 0	<a href="#">get it</a>	remarks - general:
ETSI publication	22/09/2000	8	. 0	. 1	<a href="#">get it</a>	remarks - this release: .
edito	17/06/2002	8	. 0	. 2	<a href="#">get it</a>	

---

<b>TS 04.06</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
R99	current version: 8.2.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
Upgrade to R99	30/03/2000	8	. 0	. 0	<a href="#">get it</a>	remarks - general:
ETSI publication	29/09/2000	8	. 0	. 1	<a href="#">get it</a>	remarks - this release:
GP-03	31/01/2001	8	. 1	. 0	<a href="#">get it</a>	
edito	31/01/2001	8	. 1	. 1	<a href="#">get it</a>	
GP-08	19/02/2002	8	. 2	. 0	<a href="#">get it</a>	
edito	17/06/2002	8	. 2	. 1	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 315

02 December 2002 20:51:44

Server ACTIVE specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.08</b>	<b>Mobile radio interface layer 3 specification</b>								
R99	current version: 8.0.0	WG (prime / other):	N1 / G2	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-29 30/06/2000 8 . 0 . 0						<a href="#">get it</a>	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
								remarks - this release:	#29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 Thomasen (even numbered CRs!) R99 reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!
<hr/>									
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface</b>								
R99	current version: 8.0.0	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert				
	history (event, available, version, GP-04 24/04/2001 8 . 0 . 0						<a href="#">get it</a>	remarks - general:	
								remarks - this release:	Replaces 24.012 R99.
<hr/>									
<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>								
R99	current version: 8.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0						<a href="#">get it</a>	remarks - general:	
	ETSI publication 29/08/2000 8 . 0 . 1						<a href="#">get it</a>	remarks - this release:	#31: 8.0.0
<hr/>									
<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
R99	current version: 8.4.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version, Upgrade to R99 30/03/2000 8 . 0 . 0						<a href="#">get it</a>	remarks - general:	
	smg-32 20/06/2000 8 . 1 . 0						<a href="#">get it</a>	remarks - this release:	
	GP-04 24/04/2001 8 . 2 . 0						<a href="#">get it</a>		
	GP-05 18/06/2001 8 . 3 . 0						<a href="#">get it</a>		
	GP-10 19/07/2002 8 . 4 . 0						<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 316

02 December 2002 20:51:44

Server ACTIVE specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

R99 current version: 8.16.0 WG (prime / other): G2 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
freeze\_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0	<a href="#">get it</a>	remarks - general:
smg-30	11/11/1999	8	.	1	.	0	<a href="#">get it</a>	remarks - this release:
smg-30 bis	06/12/1999	8	.	2	.	0	<a href="#">get it</a>	
smg-31	16/02/2000	8	.	3	.	0	<a href="#">get it</a>	
ETSI publication	05/10/2000	8	.	3	.	1	<a href="#">get it</a>	
smg-31 bis	17/04/2000	8	.	4	.	0	<a href="#">get it</a>	
ETSI publication	17/10/2000	8	.	4	.	1	<a href="#">get it</a>	
smg-32	20/06/2000	8	.	5	.	0	<a href="#">get it</a>	
GP-01	11/10/2000	8	.	6	.	0	<a href="#">get it</a>	
GP-02	21/12/2000	8	.	7	.	0	<a href="#">get it</a>	
GP-03	31/01/2001	8	.	8	.	0	<a href="#">get it</a>	
GP-04	04/05/2001	8	.	9	.	0	<a href="#">get it</a>	
GP-05	18/06/2001	8	.	10	.	0	<a href="#">get it</a>	
GP-06	10/09/2001	8	.	11	.	0	<a href="#">get it</a>	
GP-07	08/01/2002	8	.	12	.	0	<a href="#">get it</a>	
GP-08	19/02/2002	8	.	13	.	0	<a href="#">get it</a>	
GP-09	02/05/2002	8	.	14	.	0	<a href="#">get it</a>	
GP-10	19/07/2002	8	.	15	.	0	<a href="#">get it</a>	
GP-11	16/09/2002	8	.	16	.	0	<a href="#">get it</a>	

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99 current version: 8.3.0 WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha NOKIA Corporation  
freeze\_meeting: SP-06 G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0	<a href="#">get it</a>	remarks - general:
NP-08	28/06/2000	8	.	1	.	0	<a href="#">get it</a>	remarks - this release: #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0
NP-09	18/10/2000	8	.	2	.	0	<a href="#">get it</a>	
NP-10	21/12/2000	8	.	3	.	0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 317

02 December 2002 20:51:45

Server ACTIVE specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.31</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>				
R99	current version: 8.10.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	Upgrade to R99 30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-31 bis 17/04/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	GP-02 30/11/2000	8 . 2 . 0	<a href="#">get it</a>		
	GP-03 31/01/2001	8 . 3 . 0	<a href="#">get it</a>		
	GP-04 04/05/2001	8 . 4 . 0	<a href="#">get it</a>		
	GP-05 18/06/2001	8 . 5 . 0	<a href="#">get it</a>		
	GP-06 14/09/2001	8 . 6 . 0	<a href="#">get it</a>		
	GP-07 08/01/2002	8 . 7 . 0	<a href="#">get it</a>		
	GP-08 19/02/2002	8 . 8 . 0	<a href="#">get it</a>		
	GP-09 02/05/2002	8 . 9 . 0	<a href="#">get it</a>		
	GP-10 19/07/2002	8 . 10 . 0	<a href="#">get it</a>		
<hr/>					
<b>TS 04.35</b>	<b>Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods</b>				
R99	current version: 8.4.1	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	Upgrade to R99 30/03/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-31 bis 17/04/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	GP-01 11/10/2000	8 . 2 . 0	<a href="#">get it</a>		
	GP-03 31/01/2001	8 . 3 . 0	<a href="#">get it</a>		
	GP-07 08/01/2002	8 . 4 . 0	<a href="#">get it</a>		
	edito 17/06/2002	8 . 4 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 04.56</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>				
R99	current version: 8.0.1	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	freeze_meeting: SP-06	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 29/08/2000	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: #31: 8.0.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 318

02 December 2002 20:51:45

Server ACTIVE specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.57</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification</b>				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI publication 29/08/2000	8 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #31: 8.0.0	
<hr/>					
<b>TS 04.60</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol</b>				
R99	<i>current version:</i> 8.16.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-30 bis 06/12/1999	8 . 2 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	8 . 3 . 0	<a href="#">get it</a>		
	ETSI publication 05/10/2000	8 . 3 . 1	<a href="#">get it</a>		
	smg-31 bis 17/04/2000	8 . 4 . 0	<a href="#">get it</a>		
	ETSI publication 17/10/2000	8 . 4 . 1	<a href="#">get it</a>		
	smg-32 20/06/2000	8 . 5 . 0	<a href="#">get it</a>		
	GP-01 11/10/2000	8 . 6 . 0	<a href="#">get it</a>		
	GP-02 27/11/2000	8 . 7 . 0	<a href="#">get it</a>		
	GP-03 31/01/2001	8 . 8 . 0	<a href="#">get it</a>		
	GP-04 04/05/2001	8 . 9 . 0	<a href="#">get it</a>		
	GP-05 29/06/2001	8 . 10 . 0	<a href="#">get it</a>		
	GP-06 14/09/2001	8 . 11 . 0	<a href="#">get it</a>		
	GP-07 07/01/2002	8 . 12 . 0	<a href="#">get it</a>		
	edito 08/01/2002	8 . 12 . 1	<a href="#">get it</a>		
	GP-08 19/02/2002	8 . 13 . 0	<a href="#">get it</a>		
	GP-09 03/05/2002	8 . 14 . 0	<a href="#">get it</a>		
	edito post GP-09 28/05/2002	8 . 14 . 1	<a href="#">get it</a>		
	GP-10 19/07/2002	8 . 15 . 0	<a href="#">get it</a>		
	GP-11 16/09/2002	8 . 16 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 319

02 December 2002 20:51:45

Server ACTIVE specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>				
R99	current version: 8.7.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-29	30/06/1999	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
smg-30	11/11/1999	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
Post SP-06	17/12/1999	8 . 2 . 0	<a href="#">get it</a>		
smg-31	16/02/2000	8 . 3 . 0	<a href="#">get it</a>		
NP-08	22/06/2000	8 . 4 . 0	<a href="#">get it</a>		
NP-09	12/10/2000	8 . 5 . 0	<a href="#">get it</a>		
NP-10	02/01/2001	8 . 6 . 0	<a href="#">get it</a>		
NP-14	04/01/2002	8 . 7 . 0	<a href="#">get it</a>		

---

<b>TS 04.65</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>				
R99	current version: 8.2.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-31	16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
NP-09	12/10/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
NP-13	02/10/2001	8 . 2 . 0	<a href="#">get it</a>		

---

<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-31	16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
NP-07	17/03/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	

---

<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-31	16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
NP-07	17/03/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 320

02 December 2002 20:51:46

Server ACTIVE specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99 *current version:* 8.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-06

*G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*

Upgrade to R99	30/06/2000	8	.	0	.	0
smg-31	20/03/2000	8	.	1	.	0
GP-05	18/06/2001	8	.	2	.	0
GP-07	08/01/2002	8	.	3	.	0
edito	17/06/2002	8	.	3	.	1
GP-10	19/07/2002	8	.	4	.	0

[get it](#) *remarks - general:* Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R99

05 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

R99 *current version:* 8.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*freeze\_meeting:* SP-06

*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-32	20/06/2000	8	.	4	.	0
GP-01	09/10/2000	8	.	5	.	0
GP-07	04/01/2002	8	.	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

# 3GPP specification status

Page 321

02 December 2002 20:51:46

Server ACTIVE specs R99 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.10.0

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	1
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
ETSI publication		8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication		8	.	5	.	1
GP-01	09/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-06	01/10/2001	8	.	10	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 05.03 Channel coding

R99 current version: 8.6.1

freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
ETSI publication	17/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
GP-02	24/11/2000	8	.	6	.	0
edito	15/02/2001	8	.	6	.	1

[get it](#) remarks - general:

[get it](#) remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 322

02 December 2002 20:51:46

Server ACTIVE specs R99 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.04 Modulation

R99 current version: 8.4.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist  
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

history (event, available, version,

smg-28	12/02/1999	8	.	0	.	0
smg-30 bis	06/12/1999	8	.	1	.	0
edito	02/12/2000	8	.	1	.	1
ETSI publication	21/02/2001	8	.	1	.	2
GP-03	15/02/2001	8	.	2	.	0
GP-05	29/06/2001	8	.	3	.	0
GP-07	04/01/2002	8	.	4	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 05.05 Radio Transmission and Reception

R99 current version: 8.14.0  
freeze\_meeting: SP-06

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats  
G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
ETSI publication	29/09/2000	8	.	3	.	1
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-09	06/05/2002	8	.	12	.	0
GP-10	19/07/2002	8	.	13	.	0
GP-11	19/09/2002	8	.	14	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 323

02 December 2002 20:51:47

Server ACTIVE specs R99 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio Subsystem Link Control

R99 current version: 8.15.0

freeze\_meeting: SP-06

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-07	04/01/2002	8	.	12	.	0
GP-08	19/02/2002	8	.	13	.	0
GP-09	06/05/2002	8	.	14	.	0
GP-10	19/07/2002	8	.	15	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 05.09 Link adaptation

R99 current version: 8.5.0

freeze\_meeting: SP-06

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0
ETSI publication	05/10/2000	8	.	0	.	1
smg-32	20/06/2000	8	.	1	.	0
GP-02	24/11/2000	8	.	2	.	0
GP-03	15/01/2001	8	.	3	.	0
GP-06	01/10/2001	8	.	4	.	0
GP-07	04/01/2002	8	.	5	.	0

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

G: yes U: MCC: Peter Skov  
USAI, Paolino

MOTOROLA A/S

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 324

02 December 2002 20:51:47

Server ACTIVE specs R99 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.10 Radio subsystem synchronization

R99 *current version:* 8.10.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

smg-30 11/11/1999 8 . 0 . 0

smg-30 bis 06/12/1999 8 . 1 . 0

smg-31 16/02/1999 8 . 2 . 0

ETSI publication 29/09/2000 8 . 2 . 1

smg-31 bis 17/04/2000 8 . 3 . 0

smg-32 20/06/2000 8 . 4 . 0

GP-01 10/10/2000 8 . 5 . 0

GP-02 24/11/2000 8 . 6 . 0

edito 30/11/2000 8 . 6 . 1

GP-03 15/02/2001 8 . 7 . 0

GP-04 20/04/2001 8 . 8 . 0

GP-08 19/02/2002 8 . 9 . 0

GP-10 19/07/2002 8 . 10 . 0

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

*G: yes U:* *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TR 05.22 Radio link management in hierarchical networks

R99 *current version:* 8.0.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

Upgrade to R99 30/03/2000 8 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han

*G: yes U:* *MCC:* USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*

*remarks - this release:* .

## TR 05.50 Background for RF Requirements

R99 *current version:* 8.2.0

*freeze\_meeting:* SP-06

*history (event, available, version,*

smg-30 11/11/1999 8 . 0 . 0

smg-31 16/02/2000 8 . 1 . 0

smg-31 bis 17/04/2000 8 . 2 . 0

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels

*G: yes U:* *MCC:* USAI, Paolino

MOTOROLA A/S

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #30: 8.0.0 #31:8.1.0 #31b:8.2.0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 325

02 December 2002 20:51:47

Server ACTIVE specs R99 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem**  
R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

R99 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TS 06.01 Full Rate Speech Processing Functions**  
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

---

**TS 06.02 Half Rate Speech Processing Functions**  
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

**TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec**  
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 326

02 December 2002 20:51:48

Server ACTIVE specs R99 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
<hr/>						
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>					
R99	current version: 8.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	Editorial 31/05/2000 8 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
	smg-32 20/06/2000 8 . 1 . 0	<a href="#">get it</a>				
	ETSI Publication 30/11/2000 8 . 1 . 1	<a href="#">get it</a>				
	SP-12 29/06/2001 8 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
<hr/>						
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
R99	current version: 8.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
	SP-12 29/06/2001 8 . 1 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 327

02 December 2002 20:51:48

Server ACTIVE specs R99 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000					
	ETSI Publication 15/11/2000					
				<a href="#">get it</a>	remarks - general:	
				<a href="#">get it</a>	remarks - this release: .	
<hr/>						
<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000					
	ETSI publicatoin 15/11/2000					
				<a href="#">get it</a>	remarks - general:	
				<a href="#">get it</a>	remarks - this release: .	
<hr/>						
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000					
	ETSI Publication 15/11/2000					
				<a href="#">get it</a>	remarks - general:	
				<a href="#">get it</a>	remarks - this release: .	
<hr/>						
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000					
	ETSI Publication 15/11/2000					
				<a href="#">get it</a>	remarks - general:	
				<a href="#">get it</a>	remarks - this release: .	
<hr/>						
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-31 16/02/2000					
	ETSI Publication 15/11/2000					
				<a href="#">get it</a>	remarks - general:	
				<a href="#">get it</a>	remarks - this release: .	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 328

02 December 2002 20:51:48

Server ACTIVE specs R99 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: .				
<hr/>									
<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: .				
<hr/>									
<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>								
R99	current version: 8.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI publication 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: #32:8.1.0 TSG#10:8.2.0				
	smg-32 20/06/2000	8 . 1 . 0		<a href="#">get it</a>					
	ETSI publication 30/11/2000	8 . 1 . 1		<a href="#">get it</a>					
	SP-10 20/12/2000	8 . 2 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec</b>								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		<a href="#">get it</a>	remarks - this release: .				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 329

02 December 2002 20:51:48

Server ACTIVE specs R99 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>					
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,</i>					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-32 20/06/2000 8 . 1 . 0	<a href="#">get it</a>				
	SP-10 20/12/2000 8 . 2 . 0	<a href="#">get it</a>				

---

<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>					
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,</i>					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			

---

<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			

---

<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .			

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 330

02 December 2002 20:51:49

Server ACTIVE specs R99 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TR 06.76</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Study phase report</b>				
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	SP-07	2 . 0 . 0			remarks - general: New at SMG#31. Then became 06.77; new 06.76 has new title.
	SP-07 17/03/2000	8 . 0 . 0	<a href="#">get it</a>		remarks - this release:
	fix invisible 10/01/2002	8 . 0 . 1	<a href="#">get it</a>		
<hr/>					
<b>TS 06.77</b>	<b>Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder</b>				
R99	current version: 8.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-32 20/06/2000	8 . 0 . 0	<a href="#">get it</a>		remarks - general:
	SP-11 10/04/2001	8 . 1 . 0	<a href="#">get it</a>		remarks - this release: #32:8.0.0 TSG#11:8.1.0
	edito 03/05/2001	8 . 1 . 1	<a href="#">get it</a>		
<hr/>					
<b>TR 06.78</b>	<b>Results of the AMR noise suppression selection phase</b>				
R99	current version: 8.0.0	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-32 20/06/2000	8 . 0 . 0	<a href="#">get it</a>		remarks - general:
					remarks - this release: #32:8.0.0
<hr/>					
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>				
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>		remarks - general:
	ETSI Publication 15/11/2000	8 . 0 . 1	<a href="#">get it</a>		remarks - this release: .
<hr/>					
<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>				
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	<a href="#">get it</a>		remarks - general:
	ETSI Publication 15/11/2000	8 . 0 . 1	<a href="#">get it</a>		remarks - this release: .

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 331

02 December 2002 20:51:49

Server ACTIVE specs R99 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**  
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

R99 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.01 General Aspects on the BSS-MSC Interface**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,* THOMASEN, Gert  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
draft 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,* THOMASEN, Gert  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Nels MOTOROLA A/S  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* Peter Skov  
*history (event, available, version,* THOMASEN, Gert  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 332

02 December 2002 20:51:49

Server ACTIVE specs R99 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-06  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
R99 *current version:* 8.13.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-06  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)  
smg-31 16/02/2000 8 . 3 . 0 [get it](#)  
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)  
Fix graphics 16/05/2000 8 . 4 . 1 [get it](#)  
smg-32 20/06/2000 8 . 5 . 0 [get it](#)  
GP-01 11/10/2000 8 . 6 . 0 [get it](#)  
GP-02 27/11/2000 8 . 7 . 0 [get it](#)  
GP-03 31/01/2001 8 . 8 . 0 [get it](#)  
GP-04 04/05/2001 8 . 9 . 0 [get it](#)  
GP-06 14/09/2001 8 . 10 . 0 [get it](#)  
GP-07 08/01/2002 8 . 11 . 0 [get it](#)  
GP-08 19/02/2002 8 . 12 . 0 [get it](#)  
GP-10 19/07/2002 8 . 13 . 0 [get it](#)

---

**TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**  
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* SP-06  
G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 333

02 December 2002 20:51:50

Server ACTIVE specs R99 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.16</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Peter Skov		
		<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> THOMASEN, Gert	
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	edito 17/06/2002 8 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> .		

---

<b>TS 08.18</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>				
R99	<i>current version:</i> 8.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> SP-06		THOMASEN, Gert		
	<i>history (event, available, version,</i>	<i>G:</i> yes	<i>U:</i>		
	smg-30 11/11/1999 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-30 bis 06/12/1999 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	smg-31 16/02/2000 8 . 2 . 0	<a href="#">get it</a>			
	smg-31 bis 17/04/2000 8 . 3 . 0	<a href="#">get it</a>			
	GP-01 11/10/2000 8 . 4 . 0	<a href="#">get it</a>			
	GP-02 30/11/2000 8 . 5 . 0	<a href="#">get it</a>			
	edito 23/01/2001 8 . 5 . 1	<a href="#">get it</a>			
	GP-03 31/01/2001 8 . 6 . 0	<a href="#">get it</a>			
	GP-04 04/05/2001 8 . 7 . 0	<a href="#">get it</a>			
	GP-05 18/06/2001 8 . 8 . 0	<a href="#">get it</a>			
	GP-06 05/10/2001 8 . 9 . 0	<a href="#">get it</a>			
	GP-09 06/05/2002 8 . 10 . 0	<a href="#">get it</a>			

---

<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>				
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		BOSWARTHICK, David		
	<i>history (event, available, version,</i>	<i>G:</i> yes	<i>U:</i>		
	smg-29 30/06/1999 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-30 11/11/1999 8 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	NP-09 18/10/2000 8 . 2 . 0	<a href="#">get it</a>			
	NP-10 21/12/2000 8 . 3 . 0	<a href="#">get it</a>			
	NP-11 04/04/2001 8 . 4 . 0	<a href="#">get it</a>			
	ETSI-format publication 8 . 4 . 1		ETSI publication only - 3GPP tp use 8.4.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 334

02 December 2002 20:51:50

Server ACTIVE specs R99 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.31</b>	<b>Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification</b>								
R99	current version: 8.1.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	Upgrade to R99	11/05/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:				
	GP-05	18/06/2001	8 . 1 . 0	<a href="#">get it</a>	remarks - this release: .				
	edito	17/06/2002	8 . 1 . 1	<a href="#">get it</a>					

---

<b>TS 08.51</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>								
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-31	16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:				
	edito	17/06/2002	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .				

---

<b>TS 08.52</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>								
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-31	16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:				
	edito	17/06/2002	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .				

---

<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>								
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-31	16/02/2000	8 . 0 . 0	<a href="#">get it</a>	remarks - general:				
	edito	17/06/2002	8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .				

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 335

02 December 2002 20:51:50

Server ACTIVE specs R99 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>				
R99	current version: 8.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	edito 17/06/2002 8 . 0 . 1	<a href="#">get it</a>	remarks - this release:		

---

<b>TS 08.58</b>	<b>Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>				
R99	current version: 8.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-29 30/06/1999 8 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-30 11/11/1999 8 . 1 . 0	<a href="#">get it</a>	remarks - this release: #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0		
	smg-30 11/11/1999 8 . 2 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000 8 . 3 . 0	<a href="#">get it</a>			
	smg-31 bis 17/04/2000 8 . 4 . 0	<a href="#">get it</a>			
	GP-01 11/10/2000 8 . 5 . 0	<a href="#">get it</a>			
	GP-02 30/11/2000 8 . 6 . 0	<a href="#">get it</a>			

---

<b>TS 08.60</b>	<b>In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels</b>				
R99	current version: 8.2.0	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-30 11/11/1999 8 . 0 . 1	<a href="#">get it</a>	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	smg-30 bis 06/12/1999 8 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	ETSI publication 30/10/2001 8 . 1 . 1	<a href="#">get it</a>			
	GP-08 19/02/2002 8 . 2 . 0	<a href="#">get it</a>			

---

<b>TS 08.61</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>				
R99	current version: 8.1.0	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	ETSI Publication 15/11/2000 8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .		
	GP-08 19/02/2002 8 . 1 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 336

02 December 2002 20:51:50

Server ACTIVE specs R99 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.62</b>	<b>Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3</b>					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	SP-07 17/03/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general: SMG11->S4 at SMG#30			
	edito 08/08/2000 8 . 0 . 1	<a href="#">get it</a>	remarks - this release: .			

---

<b>TS 08.71</b>	<b>Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3</b>					
R99	current version: 8.5.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: SP-06	G: yes U:	MCC: Peter Skov			
	THOMASEN, Gert					
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-31 bis 17/04/2000 8 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	GP-02 30/11/2000 8 . 2 . 0	<a href="#">get it</a>				
	GP-06 14/09/2001 8 . 3 . 0	<a href="#">get it</a>				
	GP-07 08/01/2002 8 . 4 . 0	<a href="#">get it</a>				
	GP-08 26/03/2002 8 . 5 . 0	<a href="#">get it</a>				

---

R99 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TR 09.01</b>	<b>General Network Interworking Scenarios</b>					
R99	current version: 8.0.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation		
	freeze_meeting: SP-06	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-07 15/03/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			

---

<b>TS 09.08</b>	<b>Application of the Base Station System Application Part (BSSAP) on the E-Interface</b>					
R99	current version: 8.1.0	WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated		
	freeze_meeting: SP-06	G: yes U:	MCC: Rouzbeh			
			MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	NP-10 02/01/2001 8 . 1 . 0	<a href="#">get it</a>	remarks - this release: #31: 8.0.0 TSG#10:8.1.0			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 337

02 December 2002 20:51:51

Server ACTIVE specs R99 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.31</b>	<b>Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)</b>					
R99	current version: 8.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: SP-06		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-31 16/02/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-31 bis 17/04/2000 8 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	smg-32 20/06/2000 8 . 2 . 0	<a href="#">get it</a>				
	GP-01 01/09/2000 8 . 3 . 0	<a href="#">get it</a>				
	GP-06 14/09/2001 8 . 4 . 0	<a href="#">get it</a>				
	GP-07 08/01/2002 8 . 5 . 0	<a href="#">get it</a>				
	GP-10 19/07/2002 8 . 6 . 0	<a href="#">get it</a>				

---

R99 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

<b>TS 10.56</b>	<b>Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1</b>					
R99	current version: 8.0.0	WG (prime / other): S2 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: SULTAN, Alain			
	history (event, available, version,					
	smg-27 09/02/2000 8 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			

---

<b>TR 10.59</b>	<b>Project scheduling and open issues for EDGE</b>					
R99	current version: 8.0.0	WG (prime / other): G1 / -	rapporteur: MUELLER, Frank	Telefon AB LM Ericsson		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	draft 05/01/2000 1 . 20 . 0	<a href="#">get it</a>	remarks - general:			
	draft 01/04/2000 1 . 22 . 0	<a href="#">get it</a>	remarks - this release:			
	draft 25/05/2000 1 . 23 . 0	<a href="#">get it</a>				
	smg-32 20/06/2000 8 . 0 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 338

02 December 2002 20:51:51

Server ACTIVE specs R99 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

R99 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R99 current version: 8.3.0 WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
freeze\_meeting: SP-06 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-31 16/02/2000 8 . 0 . 0

smg-31 16/02/2000 8 . 1 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

[get it](#) remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently  
[get it](#) remarks - this release: #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and

reclosed!

ETSI publication 30/10/2000 8 . 1 . 1

smg-32 20/06/2000 8 . 2 . 0

GP-06 14/09/2001 8 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

## TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification

R99 current version: 2.0.0 DRAFT WG (prime / other): G5 / G4, rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
freeze\_meeting: SP-06 T3

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

Upgrade to R99 8 . 0 . 0 (Version never produced) Withdrawn  
May 2000: no R99 version needed.

this spec from G5, and to approve a new R99 version not derived from R96

also to withdraw the R96 version, since the R99 version will cover all drafts 0.0.1 & 2.0.0 presented at TP-14 Releases.

[get it](#) remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take  
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, over

and to approve a new R99 version not derived from R96 by CR; also to withdraw by CR;  
the R96 version, since the R99 version will cover all previous Releases.previous

& TP-17 respectively.

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.

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 339

02 December 2002 20:51:51

Server ACTIVE specs R99 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM -ME) Interface

R99 *current version:* 8.8.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* SP-06 *G: yes U:* *MCC:* DIETZE, Claus  
*history (event, available, version,*  
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*  
smg-31 16/02/2000 8 . 2 . 0 [get it](#)  
smg-32 20/06/2000 8 . 3 . 0 [get it](#)  
TP-09 18/10/2000 8 . 4 . 0 [get it](#)  
TP-11 09/04/2001 8 . 5 . 0 [get it](#)  
TP-14 17/01/2002 8 . 6 . 0 [get it](#)  
TP-16 25/06/2002 8 . 7 . 0 [get it](#)  
TP-17 18/09/2002 8 . 8 . 0 [get it](#)

---

## TS 11.13 Test specification for SIM API for Java card

R99 *current version:* 8.0.0 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.  
*freeze\_meeting:* *G: yes U:* *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-17 18/09/2002 8 . 0 . 0 == v7.4.2 [get it](#) *remarks - general:*  
*remarks - this release:* No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 340

02 December 2002 20:51:51

Server ACTIVE specs R99 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>				
R99	current version: 8.11.0	WG (prime / other): T3 / -	rapporteur: WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	freeze_meeting: TP-06	G: yes U:	MCC: DIETZE, Claus		
	history (event, available, version,				
	smg-29 30/06/1999	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	8 . 1 . 0	<a href="#">get it</a>	remarks - this release: TP-11 to be :withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!	
	smg-31 16/02/2000	8 . 2 . 0	<a href="#">get it</a>		
	Correction of CR implementation 31/05/2000	8 . 2 . 1	<a href="#">get it</a>		
	smg-32 20/06/2000	8 . 3 . 0	<a href="#">get it</a>		
	TP-09 18/10/2000	8 . 4 . 0	<a href="#">get it</a>		
	TP-10 05/01/2001	8 . 5 . 0	<a href="#">get it</a>		
	TP-11 09/04/2001	8 . 6 . 0	<a href="#">get it</a>	To be withdrawn at TSG#12, subsumed in 31.111	
	TP-12 06/07/2001	8 . 7 . 0	<a href="#">get it</a>	Unwithdrawn!	
	TP-13 12/10/2001	8 . 8 . 0	<a href="#">get it</a>		
	TP-14 16/01/2002	8 . 9 . 0	<a href="#">get it</a>		
	TP-15 28/03/2002	8 . 10 . 0	<a href="#">get it</a>		
	TP-16 25/06/2002	8 . 11 . 0	<a href="#">get it</a>		
<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>				
R99	current version: 8.6.0	WG (prime / other): G3 / -	rapporteur: VACANT, USAI, Paolino		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-30 bis 06/12/1999	8 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-31 16/02/2000	8 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-31 bis 17/04/2000	8 . 2 . 0	<a href="#">get it</a>		
	smg-32 20/06/2000	8 . 3 . 0	<a href="#">get it</a>		
	GP-01 01/09/2000	8 . 4 . 0	<a href="#">get it</a>		
	GP-02 24/11/2000	8 . 5 . 0	<a href="#">get it</a>		
	GP-04 18/04/2001	8 . 6 . 0	<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 341

02 December 2002 20:51:52

Server ACTIVE specs R99 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 *current version:* 8.0.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-31 bis 17/04/2000 8 . 0 . 0 based on 5.2.1 [get it](#) *remarks - general:*  
start of OAP 24/05/2000 8 . 0 . 1 [get it](#) *remarks - this release:*  
ETSI publication 10/10/2000 8 . 0 . 2 [get it](#)

R99

12 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.03 Security Management

R99 *current version:* 8.0.0 *WG (prime / other):* S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-06 NP  
*G:* yes *U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
Upgrade to R99 19/04/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

## TS 12.04 Performance data measurements

R99 *current version:* 8.1.0 *WG (prime / other):* S5 / S1 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-06 NP  
*G:* yes *U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
Upgrade to R99 19/04/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
SP-16 28/06/2002 8 . 1 . 0 [get it](#) *remarks - this release:*

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R99 *current version:* 8.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-09 06/05/2002 8 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.  
*remarks - this release:* GP-09 (Usai) created to fill the Release gap.

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 342

02 December 2002 20:51:52

Server ACTIVE specs R99 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

## TS 12.71 Location Services (LCS); Location services management

R99  
current version: 8.0.1  
freeze\_meeting: SP-06  
history (event, available, version,

draft	22/09/1999	0	.	0	.	1	<a href="#">get it</a>	
draft	18/10/1999	0	.	0	.	2	<a href="#">get it</a>	
draft	03/12/1999	0	.	0	.	3	<a href="#">get it</a>	
draft	22/12/1999	0	.	0	.	4	<a href="#">get it</a>	
draft	17/01/2000	0	.	0	.	5	<a href="#">get it</a>	
draft	22/05/2000	2	.	0	.	0	<a href="#">get it</a>	
draft	25/05/2000	2	.	0	.	1	<a href="#">get it</a>	
SP-08	21/06/2000	7	.	0	.	0	<a href="#">get it</a>	
SP-08	21/06/2000	8	.	0	.	0	<a href="#">get it</a>	
ETSI Publication	30/11/2000	8	.	0	.	1	<a href="#">get it</a>	

WG (prime / other): S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: MCC: ZOICAS, Adrian

remarks - general: TSG#11:S5 will no longer maintain.  
remarks - this release: TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

---

R99

21 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 343

02 December 2002 20:51:52

Server ACTIVE specs R99 21 .- series  
[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.101 3rd Generation mobile system Release 1999 Specifications

R99 current version: 3.9.0

freeze\_meeting: SP-07

history (event, available, version,

SP-05 13/10/1999 1 . 0 . 0

SP-06 17/12/1999 2 . 0 . 0

corrections 2 . 2 . 0 post SP-06

SP-07 2 . 3 . 0 SP-000037

SP-07 2 . 4 . 0 SP-000104

SP-07 2 . 5 . 0

SP-07 17/03/2000 3 . 0 . 0

editorial 30/03/2000 3 . 0 . 1

post-SP-08 28/06/2000 3 . 1 . 0

SP-10 04/01/2001 3 . 2 . 0

SP-11 11/04/2001 3 . 3 . 0

SP-12 05/07/2001 3 . 4 . 0

SP-13 01/10/2001 3 . 5 . 0

SP-14 03/01/2002 3 . 6 . 0

SP-15 27/03/2002 3 . 7 . 0

SP-16 19/06/2002 3 . 8 . 0

SP-17 18/09/2002 3 . 9 . 0

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 21.111 USIM and IC card requirements

R99 current version: 3.4.0

freeze\_meeting: SP-03

history (event, available, version,

draft 16/10/1998 0 . 0 . 1

Transfer from 04/03/1999 1 . 1 . 0

smg9 to T3

T3 21/04/1999 2 . 0 . 0

TP-03 23/04/1999 3 . 0 . 0

TP-06 17/12/1999 3 . 0 . 1

TP-07 15/03/2000 3 . 1 . 0

TP-08 23/06/2000 3 . 2 . 0

TP-09 18/10/2000 3 . 3 . 0

TP-17 18/09/2002 3 . 4 . 0

WG (prime / other): T3 / - rapporteur: KALINER, Stefan T-MOBILE DEUTSCHLAND  
G: U: yes MCC: DIETZE, Claus

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 344

02 December 2002 20:51:53

Server ACTIVE specs R99 21 .- series  
[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TS 21.133 3G security; Security threats and requirements**

R99 current version: 3.2.0  
freeze\_meeting: SP-03

WG (prime / other): S3 / - rapporteur: CHRISTOFFERSSON, Telia Promotor AB  
Per  
G: U: yes MCC: POPE, Maurice

history (event, available, version,  
draft 20/08/1998 0 . 0 . 1  
draft 20/10/1998 1 . 0 . 0  
WG approval 20/12/1998 2 . 0 . 0  
SP-03 23/04/1999 3 . 0 . 0  
SP-06 17/12/1999 3 . 1 . 0  
SP-14 07/01/2002 3 . 2 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release: .  
[get it](#)  
[get it](#)  
[get it](#)

---

**TR 21.810 Report on multi-mode UE issues; ongoing work and identified additional work**

R99 current version: 3.0.0  
freeze\_meeting: SP-08

WG (prime / other): T2 / - rapporteur: PERSSON, Sofi TELIA AB  
G: U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,  
TP-08 23/06/2000 3 . 0 . 0

[get it](#) remarks - general: Was formerly 21.910. Renumbered at TSG#7.  
remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

---

**TR 21.900 Technical Specification Group working methods**

R99 current version: 3.6.0  
freeze\_meeting: SP-03

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat  
G: yes U: yes MCC: POPE, Maurice

history (event, available, version,  
SP-03 23/04/1999 3 . 0 . 0  
SP-04 23/06/1999 3 . 1 . 0  
SP-05 13/10/1999 3 . 2 . 0  
SP-08 28/06/2000 3 . 3 . 0  
SP-09 04/10/2000 3 . 4 . 0  
SP-10 04/01/2001 3 . 5 . 0  
SP-11 11/04/2001 3 . 6 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 345

02 December 2002 20:51:53

Server ACTIVE specs R99 21 .- series  
[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

## TR 21.904 User Equipment (UE) capability requirements

R99 current version: 3.5.0

freeze\_meeting: SP-07

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-04 18/06/1999 0 . 0 . 3

TP-05 08/10/1999 1 . 0 . 2

TP-06 17/12/1999 1 . 1 . 0

TP-07 2 . 0 . 0 TP-000026

TP-07 15/03/2000 3 . 0 . 0

Editorial 30/03/2000 3 . 0 . 1

TP-08 23/06/2000 3 . 1 . 0

TP-09 16/10/2000 3 . 2 . 0

TP-10 05/01/2001 3 . 3 . 0

TP-13 03/10/2001 3 . 4 . 0

TP-17 16/09/2002 3 . 5 . 0

WG (prime / other): T2 / - rapporteur: SOOD, Prem SHARP Corporation

G: U: yes MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TR 21.905 Vocabulary for 3GPP Specifications

R99 current version: 3.3.0

freeze\_meeting: SP-07

history (event, available, version,

SP-05 13/10/1999 0 . 0 . 1

SP-07 15/03/2000 3 . 0 . 0 SP-000072

SP-06 17/12/1999 3 . 0 . 0

SP-08 23/06/2000 3 . 1 . 0

edito 08/08/2000 3 . 1 . 1

SP-09 18/10/2000 3 . 2 . 0

SP-13 05/10/2001 3 . 3 . 0

WG (prime / other): S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd

G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 346

02 December 2002 20:51:53

Server ACTIVE specs R99 21 .- series  
[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 current version: 3.0.0  
freeze\_meeting: SP-08  
history (event, available, version,

WG (prime / other): T2 / - rapporteur: PERSSON, Sofi TELIA AB  
G: U: yes MCC: RODERMUND, Friedhelm

TP-03 0 . 1 . 0  
TP-04 0 . 2 . 0

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified  
remarks - this release: TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated  
with changed title and contents. TSG#8:3.0.0 (2.1.0)

TP-05 08/10/1999 1 . 0 . 1  
TP-06 17/12/1999 1 . 3 . 2  
TP-07 2 . 0 . 0  
TP-08 2 . 1 . 0  
TP-08 15/03/2000 3 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

## TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 current version: 3.0.0  
freeze\_meeting: SP-07  
history (event, available, version,

WG (prime / other): N2 / - rapporteur:  
G: yes U: yes MCC: JURISIC, Andrijana

NP-06 17/12/1999 2 . 0 . 0  
Revised clause 11 14/01/2000 2 . 1 . 0  
NP-08 2 . 1 . 1  
NP-08 23/06/2000 3 . 0 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

R99

22 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.001 Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)

R99 current version: 3.2.0  
freeze\_meeting: SP-07  
history (event, available, version,

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
G: yes U: yes MCC: CLAYTON, Michael

SP-06 17/12/1999 3 . 0 . 0 aprvd with CRs  
SP-06 17/12/1999 3 . 1 . 0  
edito 18/01/2000 3 . 1 . 1  
SP-07 17/03/2000 3 . 2 . 0

[get it](#)

remarks - general: Transfer>TSG#5

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 347

02 December 2002 20:51:53

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.002</b>	<b>Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)</b>						
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-05	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4	
	SP-06 17/12/1999	3 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-07 15/03/2000	3 . 3 . 0		<a href="#">get it</a>			
	SP-08 23/06/2000	3 . 4 . 0		<a href="#">get it</a>			
	SP-09 18/10/2000	3 . 5 . 0		<a href="#">get it</a>			
	SP-11 02/04/2001	3 . 6 . 0		<a href="#">get it</a>			

---

<b>TS 22.003</b>	<b>Circuit Teleservices supported by a Public Land Mobile Network (PLMN)</b>						
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-08	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-06 17/12/1999	3 . 0 . 0 aprvd with CRs		<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#5	
	SP-06 17/12/1999	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-07 17/03/2000	3 . 2 . 0		<a href="#">get it</a>			
	SP-12 27/06/2001	3 . 3 . 0		<a href="#">get it</a>			

---

<b>TS 22.004</b>	<b>General on supplementary services</b>						
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-05	<i>G: yes U: yes</i>		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999	3 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4	
	SP-06 17/12/1999	3 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-07 15/03/2000	3 . 2 . 0		<a href="#">get it</a>			
	Editorial 15/03/2000	3 . 2 . 1		<a href="#">get it</a>			
	SP-16 04/07/2002	3 . 3 . 0		<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 348

02 December 2002 20:51:54

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.011</b>	<b>Service accessibility</b>								
R99	current version: 3.8.0			WG (prime / other): S1 / -	rapporteur: GALLAIRE, Jean Paul	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	txferd to 3GPP	01/06/2000	3 . 0 . 0						
	SP-05	30/10/1999	3 . 0 . 1	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-06	17/12/1999	3 . 1 . 1	<a href="#">get it</a>	remarks - this release:				
	SP-07	17/03/2000	3 . 2 . 0	<a href="#">get it</a>					
	SP-09	18/10/2000	3 . 3 . 0	<a href="#">get it</a>					
	SP-11	02/04/2001	3 . 4 . 0	<a href="#">get it</a>					
	SP-12	27/06/2001	3 . 5 . 0	<a href="#">get it</a>					
	SP-14	10/01/2002	3 . 6 . 0	<a href="#">get it</a>					
	SP-15	25/03/2002	3 . 7 . 0	<a href="#">get it</a>					
	SP-17	17/09/2002	3 . 8 . 0	<a href="#">get it</a>					

---

<b>TS 22.016</b>	<b>International Mobile Equipment Identities (IMEI)</b>								
R99	current version: 3.3.0			WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-05	13/10/1999	3 . 0 . 1	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-06	17/12/1999	3 . 1 . 0	<a href="#">get it</a>	remarks - this release:				
	SP-08	28/06/2000	3 . 2 . 0	<a href="#">get it</a>					
	SP-16	04/07/2002	3 . 3 . 0	<a href="#">get it</a>					

---

<b>TS 22.022</b>	<b>Personalisation of Mobile Equipment (ME); Mobile functionality specification</b>								
R99	current version: 3.2.1			WG (prime / other): S3 / -	rapporteur: NGUYEN NGOC,	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	Sebastien				
	history (event, available, version,				POPE, Maurice				
	SP-05	13/10/1999	3 . 0 . 1	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4			
	SP-08	28/06/2000	3 . 1 . 0	<a href="#">get it</a>	remarks - this release:				difficulty in implementing CR
	SP-16	19/06/2002	3 . 2 . 0	<a href="#">get it</a>					
	edito post SP-16	24/06/2002	3 . 2 . 1	<a href="#">get it</a>					corrects change history

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 349

02 December 2002 20:51:54

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.024</b>	<b>Description of Charge Advice Information (CAI)</b>					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 0 . 1			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 22.030</b>	<b>Man-Machine Interface (MMI) of the User Equipment (UE)</b>					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka			NOKIA Corporation
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 30/10/1999 3 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
	SP-05 30/10/1999 3 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	
	SP-06 17/12/1999 3 . 2 . 0			<a href="#">get it</a>		
	SP-07 17/03/2000 3 . 3 . 0			<a href="#">get it</a>		
	SP-09 18/10/2000 3 . 4 . 0			<a href="#">get it</a>		
<hr/>						
<b>TS 22.032</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-16 24/06/2002 3 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).	
					<i>remarks - this release:</i> SP-16: Takes over from 02.32 R99.	
<hr/>						
<b>TS 22.034</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi			NOKIA Corporation
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 1 . 0			<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4	
	SP-07 15/03/2000 3 . 2 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	
	edito 25/04/2000 3 . 2 . 1			<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 350

02 December 2002 20:51:54

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.038</b>	<b>USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1</b>							
R99	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited		
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael			
	history (event, available, version,							
	SP-05 30/10/1999						<a href="#">get it</a>	remarks - general: Transfer>TSG#4
	SP-07 17/03/2000						<a href="#">get it</a>	remarks - this release:
	SP-08 28/06/2000						<a href="#">get it</a>	
<b>TS 22.041</b>	<b>Operator Determined Call Barring</b>							
R99	current version: 3.3.1	WG (prime / other):	S1 / -	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc		
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael			
	history (event, available, version,							
	SP-05 13/10/1999						<a href="#">get it</a>	remarks - general: Transfer>TSG#4
	SP-10 08/01/2001						<a href="#">get it</a>	remarks - this release:
	SP-11 02/04/2001						<a href="#">get it</a>	
	edito 26/04/2001						<a href="#">get it</a>	
<b>TS 22.042</b>	<b>Network Identity and Time Zone (NITZ) service description; Stage 1</b>							
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB		
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael			
	history (event, available, version,							
	SP-05 13/10/1999						<a href="#">get it</a>	remarks - general: Transfer>TSG#4
								remarks - this release: CR to 3.0.1 not aprvd.
<b>TS 22.057</b>	<b>Mobile Execution Environment (MExE) service description; Stage 1</b>							
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CATALDO, Mark	Openwave Systems (N.I.) Ltd		
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael			
	history (event, available, version,							
	SP-05 25/10/1999						<a href="#">get it</a>	remarks - general: Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution
	edito 25/10/1999						<a href="#">get it</a>	remarks - this release: . Environment (MExE); Stage 1".

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 351

02 December 2002 20:51:55

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_s\\_eries](http://www.3gpp.org/ftp/Specs/archive/22_s_eries)

---

<b>TS 22.060</b>	<b>General Packet Radio Service (GPRS); Service description; Stage 1</b>					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-07 15/03/2000 3 . 3 . 0	<a href="#">get it</a>				
	SP-08 28/06/2000 3 . 4 . 0	<a href="#">get it</a>				
	SP-09 18/10/2000 3 . 5 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 22.066</b>	<b>Support of Mobile Number Portability (MNP); Stage 1</b>					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-07 15/03/2000 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-08 28/06/2000 3 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 22.067</b>	<b>enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1</b>					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 22.071</b>	<b>Location Services (LCS); Stage 1</b>					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-09 18/10/2000 3 . 3 . 0	<a href="#">get it</a>				
	SP-15 25/03/2002 3 . 4 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 352

02 December 2002 20:51:55

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.072</b>	<b>Call Deflection (CD); Stage 1</b>					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: RAUCH, Horst	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
<b>TS 22.078</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1</b>					
R99	current version: 3.9.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 1 . 0	<a href="#">get it</a>	remarks - general:			
	SP-06 17/12/1999 3 . 2 . 0	<a href="#">get it</a>	remarks - this release:			
	SP-07 15/03/2000 3 . 3 . 0	<a href="#">get it</a>				
	SP-08 28/06/2000 3 . 4 . 0	<a href="#">get it</a>				
	edito 09/08/2000 3 . 4 . 1	<a href="#">get it</a>				
	SP-09 31/10/2000 3 . 5 . 0	<a href="#">get it</a>				
	SP-10 08/01/2001 3 . 6 . 0	<a href="#">get it</a>				
	SP-11 02/04/2001 3 . 7 . 0	<a href="#">get it</a>				
	SP-12 27/06/2001 3 . 8 . 0	<a href="#">get it</a>				
	SP-15 25/03/2002 3 . 9 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 22.079</b>	<b>Support of optimal routing; Stage 1</b>					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
<b>TS 22.081</b>	<b>Line Identification supplementary services; Stage 1</b>					
R99	current version: 3.2.0	WG (prime / other): S1 / -	rapporteur: AHNBERG, Tomas	Indicate persons who left Company and wait for new One		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,					
	SP-05 13/10/1999 3 . 0 . 1	<a href="#">get it</a>	remarks - general: Transfer>TSG#4			
	SP-08 28/06/2000 3 . 2 . 0	<a href="#">get it</a>	remarks - this release:			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 353

02 December 2002 20:51:55

Server      ACTIV E specs   R99      22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.082</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1</b>								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.084</b>	<b>MultiParty (MPTY) supplementary service; Stage 1</b>								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.085</b>	<b>Closed User Group (CUG) supplementary services; Stage 1</b>								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
	SP-06 17/12/1999 3 . 1 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4						
		<a href="#">get it</a>	<i>remarks - this release:</i> .						
<hr/>									
<b>TS 22.086</b>	<b>Advice of Charge (AoC) supplementary services; Stage 1</b>								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 1 . 0								
		<a href="#">get it</a>	<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

# 3GPP specification status

Page 354

02 December 2002 20:51:55

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.087</b>	<b>User-to-user signalling (UUS); Stage 1</b>							
R99	current version: 3.1.0			WG (prime / other): S1 / -	rapporteur: BRADEN, Christian	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,							
	SP-05 13/10/1999 3 . 0 . 1	3.0.1, but should have been 3.1.0 to	<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
		include a CR wrongly attributed to		remarks - this release:				
		22.086.						
	incorporation of 01/02/2000 3 . 1 . 0		<a href="#">get it</a>					
	lost CR from							
<b>TS 22.088</b>	<b>Call Barring (CB) supplementary services; Stage 1</b>							
R99	current version: 3.0.2			WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,							
	SP-05 13/10/1999 3 . 0 . 1		<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
	edito 27/11/2000 3 . 0 . 2		<a href="#">get it</a>	remarks - this release: .				
<b>TS 22.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>							
R99	current version: 3.1.0			WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,							
	SP-05 13/10/1999 3 . 0 . 1		<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
	SP-07 15/03/2000 3 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
<b>TS 22.091</b>	<b>Explicit Call Transfer (ECT) supplementary service; Stage 1</b>							
R99	current version: 3.1.0			WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,							
	SP-05 13/10/1999 3 . 0 . 1		<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
	SP-09 18/10/2000 3 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
<b>TS 22.093</b>	<b>Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1</b>							
R99	current version: 3.0.1			WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version,							
	SP-05 13/10/1999 3 . 0 . 1		<a href="#">get it</a>	remarks - general: Transfer>TSG#4				
				remarks - this release: .				

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 355

02 December 2002 20:51:56

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.094</b>	<b>Follow Me service description - Stage 1</b>						
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BERGMANN, Ansgar	Deutsche Telekom AG	
	freeze_meeting: SP-06	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version, SP-06 17/12/1999 3 . 1 . 0			<a href="#">get it</a>	remarks - general:	Transfer>TSG#4. GSM only @TSG#5	
					remarks - this release:	Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. August 2001: still debating whether this is GSM-only or common.	
<b>TS 22.096</b>	<b>Name identification supplementary services; Stage 1</b>						
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1			<a href="#">get it</a>	remarks - general:	Transfer>TSG#4	
					remarks - this release:	.	
<b>TS 22.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1</b>						
R99	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version, SP-05 13/10/1999 3 . 1 . 0 SP-09 18/10/2000 3 . 2 . 0			<a href="#">get it</a>	remarks - general:	Transfer>TSG#4	
				<a href="#">get it</a>	remarks - this release:		
<b>TS 22.100</b>	<b>UMTS Phase 1</b>						
R99	current version: 3.7.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom	
	freeze_meeting: SP-03	G:	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version, draft 16/09/1998 0 . 1 . 0 draft 16/10/1998 1 . 0 . 0 WG approval 01/02/1999 2 . 0 . 0 Transfer to SP SA 23/04/1999 3 . 0 . 0 SP-03 23/04/1999 3 . 2 . 0 SP-04 23/06/1999 3 . 3 . 0 SP-05 13/10/1999 3 . 4 . 0 SP-06 17/12/1999 3 . 5 . 0 SP-07 15/03/2000 3 . 6 . 0 SP-13 05/10/2001 3 . 7 . 0			<a href="#">get it</a>	remarks - general:		
				<a href="#">get it</a>	remarks - this release:		
				<a href="#">get it</a>			
				<a href="#">get it</a>			
				<a href="#">get it</a>			
				<a href="#">get it</a>			
				<a href="#">get it</a>			
				<a href="#">get it</a>			
				<a href="#">get it</a>			

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 356

02 December 2002 20:51:56

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.101 Service aspects; Service principles

R99 current version: 3.13.0

freeze\_meeting: SP-03

history (event, available, version,

SP-03	23/04/1999	3	.	5	.	0
SP-04	23/06/1999	3	.	6	.	0
SP-05	13/10/1999	3	.	7	.	0
SP-06	17/12/1999	3	.	8	.	0
SP-07	15/03/2000	3	.	9	.	0
SP-08	28/06/2000	3	.	10	.	0
SP-09	18/10/2000	3	.	11	.	0
SP-10	08/01/2001	3	.	12	.	0
SP-12	27/06/2001	3	.	13	.	0

WG (prime / other): S1 / - rapporteur: DWYER, Paul  
G: U: yes MCC: CLAYTON, Michael

NORTEL NETWORKS (EUROPE)

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 22.105 Services and service capabilities

R99 current version: 3.10.0

freeze\_meeting: SP-03

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
draft	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
Under TB change	20/03/1998	3	.	0	.	0
control						
smg-26 to review	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

WG (prime / other): S1 / - rapporteur: EVEN, Anne  
G: U: yes MCC: CLAYTON, Michael

France Telecom

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 357

02 December 2002 20:51:56

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.115 Service Aspects Charging and billing

R99 current version: 3.3.0  
freeze\_meeting: SP-03

WG (prime / other): S1 / - rapporteur: MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.  
G: yes U: yes MCC: CLAYTON, Michael

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
Milestone 1	19/12/1997	1	.	2	.	2
WG approval	15/01/1999	2	.	0	.	0
TB approval	15/02/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-03	23/04/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99 current version: 3.3.1  
freeze\_meeting: SP-04

WG (prime / other): S1 / - rapporteur: OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
G: yes U: yes MCC: CLAYTON, Michael

history (event, available, version,

OSP parts extracted from 22,121 v3,2,0	04/03/1999	0	.	0	.	0
draft	04/04/1999	0	.	1	.	0
SP-04	23/06/1999	3	.	0	.	0
SP-05	13/10/1999	3	.	1	.	0
SP-07	15/03/2000	3	.	2	.	0
SP-08	28/06/2000	3	.	3	.	0
SP-16	19/07/2002	3	.	3	.	1

[get it](#) remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;  
[get it](#) remarks - this release: Stage 1". SP-16: converted from TS to TR.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 358

02 December 2002 20:51:57

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-03

*WG (prime / other):* S1 / -

*G:* yes *U:* yes

*rapporteur:* SAMPSON, Nick

*MCC:* CLAYTON, Michael

ORANGE PCS LTD

*history (event, available, version,*

Start of work 04/03/1999 0 . 0 . 0

Table of Contents 04/03/1999 0 . 1 . 0

and Scope

First complete 22/04/1999 1 . 0 . 0

SP-03 23/01/1999 1 . 2 . 0

SP-03 23/04/1999 3 . 0 . 0

SP-05 13/10/1999 3 . 1 . 0

SP-06 17/12/1999 3 . 2 . 0

SP-08 28/06/2000 3 . 3 . 0

SP-09 18/10/2000 3 . 4 . 0

SP-10 08/01/2001 3 . 5 . 0

SP-14 10/01/2002 3 . 6 . 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](#)

[get it](#)

---

## TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0

*freeze\_meeting:* SP-06

*WG (prime / other):* S1 / -

*G:* *U:* yes

*rapporteur:* KOKKOLA, Tommi

*MCC:* CLAYTON, Michael

NOKIA Corporation

*history (event, available, version,*

Start of work 04/03/1999 0 . 0 . 0

Table of Contents 04/03/1999 0 . 1 . 0

and Scope

SP-03 23/04/1999 1 . 0 . 0

SP-05 13/10/1999 3 . 0 . 0

SP-06 17/12/1999 3 . 1 . 0

SP-07 15/03/2000 3 . 2 . 0

SP-08 28/06/2000 3 . 3 . 0

SP-09 18/10/2000 3 . 4 . 0

[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



# 3GPP specification status

Page 359

02 December 2002 20:51:57

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
SP-T-3 23/04/1999 0 . 0 . 0  
SP-T-05 08/10/1999 1 . 0 . 0  
SP-T-06 17/12/1999 2 . 0 . 0  
SP-08 28/06/2000 3 . 1 . 0

*WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef  
*G:* *U:* yes *MCC:* CLAYTON, Michael SIEMENS AG

[get it](#) *remarks - general:* (development in T2)  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

## TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-05 08/10/1999 3 . 0 . 0

*WG (prime / other):* T2 / NP *rapporteur:* COLBAN, Erik  
*G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm ERICSSON AS

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

## TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 1  
and Scope  
First complete 19/12/1997 1 . 1 . 1  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 1 . 1

*WG (prime / other):* S1 / - *rapporteur:* MONTEGROSSO,  
*G:* *U:* yes *MCC:* Emanuele  
CLAYTON, Michael TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*  
*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,*  
Table of Contents 17/10/1997 0 . 1 . 0  
and Scope  
First complete 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 0 . 1  
SP-05 13/10/1999 3 . 1 . 0

*WG (prime / other):* S1 / - *rapporteur:* KLEIER, Stephan  
*G:* *U:* yes *MCC:* CLAYTON, Michael Vodafone D2 GmbH

[get it](#) *remarks - general:*  
*remarks - this release:* .  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 360

02 December 2002 20:51:57

Server ACTIVE specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

R99 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.002</b>	<b>Network architecture</b>								
R99	current version: 3.6.0			WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting: SP-05			G: yes U: yes	MCC: SULTAN, Alain				
	history (event, available, version,								
	SP-05 13/10/1999	3	.	1	.	0	<a href="#">get it</a>	remarks - general:	Transfer>TSG#4,CR at TSG#5
	SP-06 17/12/1999	3	.	2	.	0	<a href="#">get it</a>	remarks - this release:	
	SP-07 15/03/2000	3	.	3	.	0	<a href="#">get it</a>		
	SP-10 21/12/2000	3	.	4	.	0	<a href="#">get it</a>		
	SP-14 07/01/2002	3	.	5	.	0	<a href="#">get it</a>		
	SP-17 24/09/2002	3	.	6	.	0	<a href="#">get it</a>		
<hr/>									
<b>TS 23.003</b>	<b>Numbering, Addressing and Identification</b>								
R99	current version: 3.11.0			WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc			
	freeze_meeting: SP-03			G: yes U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-03 23/04/1999	3	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	NP-04 23/06/1999	3	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	NP-05 13/10/1999	3	.	2	.	0	<a href="#">get it</a>		
	NP-06 15/12/1999	3	.	3	.	0	<a href="#">get it</a>		
	NP-07 15/03/2000	3	.	4	.	0	<a href="#">get it</a>		
	edito 17/05/2000	3	.	4	.	1	<a href="#">get it</a>		
	NP-08 28/06/2000	3	.	5	.	0	<a href="#">get it</a>		
	NP-09 26/10/2000	3	.	6	.	0	<a href="#">get it</a>		
	NP-10 21/12/2000	3	.	7	.	0	<a href="#">get it</a>		
	NP-11 02/04/2001	3	.	8	.	0	<a href="#">get it</a>		
	NP-12 27/06/2001	3	.	9	.	0	<a href="#">get it</a>		
	NP-16 21/06/2002	3	.	10	.	0	<a href="#">get it</a>		
	NP-17 17/09/2002	3	.	11	.	0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 361

02 December 2002 20:51:58

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.007 Restoration procedures

R99 current version: 3.5.0

freeze\_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	1	.	3
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-08	28/06/2000	3	.	4	.	0
NP-16	21/06/2002	3	.	5	.	0

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE Group Plc  
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 23.008 Organisation of subscriber data

R99 current version: 3.7.0

freeze\_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-08	28/06/2000	3	.	4	.	0
NP-09	26/10/2000	3	.	5	.	0
NP-12	27/06/2001	3	.	6	.	0
NP-16	21/06/2002	3	.	7	.	0

WG (prime / other): N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG  
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 362

02 December 2002 20:51:58

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.009 Handover procedures

R99 current version: 3.11.0  
freeze\_meeting: SP-03

WG (prime / other): N1 / N4 rapporteur: FARHOUMAND, Ericsson Incorporated  
Rouzbeh

G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:

NP-06 17/12/1999 3 . 1 . 0 [get it](#) remarks - this release:

NP-07 15/03/2000 3 . 2 . 0 [get it](#)

edito (SDLs 16/05/2000 3 . 2 . 1 [get it](#)

beautified)

NP-08 23/06/2000 3 . 3 . 0 [get it](#)

NP-09 06/10/2000 3 . 4 . 0 [get it](#)

NP-10 03/01/2001 3 . 5 . 0 [get it](#)

NP-11 11/04/2001 3 . 6 . 0 [get it](#)

NP-12 06/07/2001 3 . 7 . 0 [get it](#)

NP-13 05/10/2001 3 . 8 . 0 [get it](#)

NP-14 08/01/2002 3 . 9 . 0 [get it](#)

NP-16 20/06/2002 3 . 10 . 0 [get it](#)

NP-17 17/09/2002 3 . 11 . 0 [get it](#)

## TS 23.011 Technical realization of Supplementary Services

R99 current version: 3.1.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND  
KYMALAINEN, Kimmo

G: yes U: yes

MCC:

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:

edito 06/06/2000 3 . 0 . 1 [get it](#) remarks - this release:

NP-09 26/10/2000 3 . 1 . 0 [get it](#)

## TS 23.012 Location management procedures

R99 current version: 3.3.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation  
KYMALAINEN, Kimmo

G: yes U: yes

MCC:

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0 [get it](#) remarks - general:

NP-06 15/12/1999 3 . 1 . 0 [get it](#) remarks - this release:

NP-07 15/03/2000 3 . 2 . 0 [get it](#)

CR 23.012-003r3 05/06/2000 3 . 2 . 1 [get it](#)

removed (error)

NP-08 23/06/2000 3 . 3 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 363

02 December 2002 20:51:58

Server      ACTIV E specs   R99      23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.014    Support of Dual Tone Multi Frequency (DTMF) signalling

R99      *current version:* 3.2.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0  
NP-06 17/12/1999 3 . 1 . 0  
NP-17 17/09/2002 3 . 2 . 0

*WG (prime / other):* N1 / -      *rapporteur:* ZAUS, Robert      SIEMENS AG  
*G: yes    U: yes*                      *MCC:* JORGENSEN, Per Johan

[get it](#)      *remarks - general:*      Should not be in UMTS ????  
[get it](#)      *remarks - this release:* .  
[get it](#)

---

## TS 23.015    Technical realisation of Operator Determined Barring (ODB)

R99      *current version:* 3.1.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0  
NP-04 23/06/1999 3 . 1 . 0

*WG (prime / other):* N4 / -      *rapporteur:* PARK, Ian David      VODAFONE LTD  
Chalmers  
*G: yes    U: yes*                      *MCC:* KYMALAINEN, Kimmo

[get it](#)      *remarks - general:*  
[get it](#)      *remarks - this release:* .

---

## TS 23.016    Subscriber data management; Stage 2

R99      *current version:* 3.9.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0  
NP-04 23/06/1999 3 . 1 . 0  
NP-05 13/10/1999 3 . 2 . 0  
NP-06 15/12/1999 3 . 3 . 0  
NP-07 15/03/2000 3 . 4 . 0  
NP-08 23/06/2000 3 . 5 . 0  
NP-09 26/10/2000 3 . 6 . 0  
NP-11 30/03/2001 3 . 7 . 0  
NP-15 28/03/2002 3 . 8 . 0  
NP-17 17/09/2002 3 . 9 . 0

*WG (prime / other):* N4 / -      *rapporteur:* WIEHE, Ulrich      SIEMENS AG  
*G: yes    U: yes*                      *MCC:* KYMALAINEN, Kimmo

[get it](#)      *remarks - general:*  
[get it](#)      *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 364

02 December 2002 20:51:59

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.018 Basic Call Handling; Technical realization

R99 current version: 3.11.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
G: yes U: yes MCC: KYMALA INEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	25/10/2000	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
NP-12	04/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	16/01/2002	3	.	10	.	0
NP-15	28/03/2002	3	.	11	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 23.032 Universal Geographical Area Description (GAD)

R99 current version: 3.1.0  
freeze\_meeting: SP-03

WG (prime / other): S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation  
SULTAN, Alain  
G: yes U: yes MCC:

history (event, available, version,

SP-03	23/04/1999	3	.	0	.	0
SP-07	15/03/2000	3	.	1	.	0

[get it](#) remarks - general: S2 responsibility?  
[get it](#) remarks - this release:

---

## TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

R99 current version: 3.3.0  
freeze\_meeting: SP-03

WG (prime / other): N1 / - rapporteur: CARRION RODRIGO, NOKIA Corporation  
Inmaculada  
JORGENSEN, Per Johan  
G: yes U: yes MCC:

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	1	.	1
NP-07	15/03/2000	3	.	2	.	0
NP-10	02/01/2001	3	.	3	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 365

02 December 2002 20:51:59

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>				
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-16				
	<i>history (event, available, version,</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	SP-16 24/06/2002 3 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).	
	SP-17 18/09/2002 3 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i> SP-16: takes over from 03,35 R99.	
<hr/>					
<b>TS 23.038</b>	<b>Alphabets and language-specific information</b>				
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian Teleca Limited	
	<i>freeze_meeting:</i> SP-04		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm	
	<i>history (event, available, version,</i>				
	TP-03 28/04/1999 1 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	
	TP-04 23/06/1999 3 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i> additional CR for R99 on SMS enhanced message content expected at TSG-T#7.	
				No, evidently not.	
	TP-05 08/10/1999 3 . 2 . 0	<a href="#">get it</a>			
	TP-06 17/12/1999 3 . 3 . 0	<a href="#">get it</a>			
<hr/>					
<b>TR 23.039</b>	<b>Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)</b>				
R99	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian Teleca Limited	
	<i>freeze_meeting:</i> SP-04		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm	
	<i>history (event, available, version,</i>				
	TP-03 28/04/1999 1 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	
	TP-04 23/06/1999 3 . 0 . 0	<a href="#">get it</a>		<i>remarks - this release:</i>	
	TP-06 completed 17/12/1999 3 . 1 . 0	<a href="#">get it</a>			
	TP-09 04/10/2000 3 . 2 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 366

02 December 2002 20:51:59

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.040 Technical realization of Short Message Service (SMS)

R99 *current version:* 3.9.0

*freeze\_meeting:* SP-04

*history (event, available, version,*

TP-03	28/04/1999	1	.	0	.	0
TP-04	23/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
edito	19/04/2000	3	.	4	.	1
TP-08	23/06/2000	3	.	5	.	0
TP-13	03/10/2001	3	.	6	.	0
TP-14	11/01/2002	3	.	7	.	0
TP-15	21/03/2002	3	.	8	.	0
TP-16	25/06/2002	3	.	9	.	0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0

*freeze\_meeting:* SP-05

*history (event, available, version,*

TP-03	23/04/1999	0	.	0	.	0
TP-05	08/10/1999	3	.	0	.	0
TP-06	17/12/1999	3	.	1	.	0
TP-07 completion	15/03/2000	3	.	2	.	0
target						
TP-09	11/10/2000	3	.	3	.	0
TP-12	04/07/2001	3	.	4	.	0
TP-16	25/06/2002	3	.	5	.	0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 367

02 December 2002 20:51:59

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-05 08/10/1999 3 . 0 . 0  
TP-04 23/06/1999 3 . 0 . 0  
test vectors 23/01/2001 3 . 1 . 0  
provided  
TP-06 17/12/1999 3 . 1 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.  
[get it](#)  
[get it](#)  
[get it](#)

## TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-05 08/10/1999 3 . 0 . 0  
TP-04 23/06/1999 3 . 0 . 0  
test vectors 23/01/2001 3 . 1 . 0  
provided  
TP-06 17/12/1999 3 . 1 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.  
[get it](#)  
[get it](#)  
[get it](#)

## TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
TP-03 28/04/1999 1 . 0 . 0  
TP-04 (MExE R98 18/06/1999 1 . 1 . 0  
GSM 03.57)  
TP-05 08/10/1999 1 . 5 . 0  
TP-06 completed 17/12/1999 3 . 0 . 0  
TP-07 15/03/2000 3 . 1 . 0  
Editorial 15/03/2000 3 . 1 . 1  
TP-08 23/06/2000 3 . 2 . 0  
TP-09 16/10/2000 3 . 3 . 0  
TP-11 27/03/2001 3 . 4 . 0

*WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd  
*G: yes U: yes* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 368

02 December 2002 20:52:00

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

R99 *current version:* 3.13.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* SULTAN, Alain

*history (event, available, version,*

SP-05	13/10/1999	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4
SP-06	23/12/1999	3	.	2	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
SP-07	15/03/2000	3	.	3	.	0	<a href="#">get it</a>	
SP-08	28/06/2000	3	.	4	.	0	<a href="#">get it</a>	
SP-09	04/11/2000	3	.	5	.	0	<a href="#">get it</a>	
SP-10	12/01/2001	3	.	6	.	0	<a href="#">get it</a>	
SP-11	06/04/2001	3	.	7	.	0	<a href="#">get it</a>	
SP-12	29/06/2001	3	.	8	.	0	<a href="#">get it</a>	
SP-13	12/10/2001	3	.	9	.	0	<a href="#">get it</a>	
SP-14	09/01/2002	3	.	10	.	0	<a href="#">get it</a>	
edito		3	.	10	.	1		
SP-15	07/04/2002	3	.	11	.	0	<a href="#">get it</a>	
SP-16	17/06/2002	3	.	12	.	0	<a href="#">get it</a>	
SP-17	02/10/2002	3	.	13	.	0	<a href="#">get it</a>	

## TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson  
*freeze\_meeting:* SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-05	13/10/1999	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
NP-07	15/03/2000	3	.	2	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
NP-08	23/06/2000	3	.	3	.	0	<a href="#">get it</a>	

## TS 23.067 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
NP-07	15/03/2000	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
NP-10	21/12/2000	3	.	2	.	0	<a href="#">get it</a>	
NP-12	27/06/2001	3	.	3	.	0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 369

02 December 2002 20:52:00

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 current version: 3.3.0

freeze\_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0

WG (prime / other): N4 / - rapporteur: CONRAD, Alan  
G: yes U: yes MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:

[get it](#) remarks - this release: .

[get it](#)

[get it](#)

## TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.14.0

freeze\_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	09/10/2000	3	.	6	.	0
NP-10	04/01/2001	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	29/06/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	04/01/2002	3	.	11	.	0
NP-15	19/03/2002	3	.	12	.	0
NP-16	17/06/2002	3	.	13	.	0
NP-17	17/09/2002	3	.	14	.	0

WG (prime / other): N2 / - rapporteur: HOMANN, Christian  
G: yes U: yes MCC: JURISIC, Andrijana

ALCA TEL SEL AG

[get it](#) remarks - general: CR at TSG#4, CR at TSG#5

[get it](#) remarks - this release: Phase 3. TSG#7: Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 370

02 December 2002 20:52:01

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* Chalmers  
*history (event, available, version,* KYMALAINEN, Kimmo  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#4,CR at TSG#5  
NP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-05 13/10/1999 3 . 2 . 0 [get it](#)  
NP-06 15/12/1999 3 . 3 . 0 [get it](#)  
NP-07 15/03/2000 3 . 4 . 0 [get it](#)  
NP-08 23/06/2000 3 . 5 . 0 [get it](#)  
NP-09 26/10/2000 3 . 6 . 0 [get it](#)  
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

## TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*  
NP-08 23/06/2000 3 . 1 . 0 [get it](#)  
NP-17 24/09/2002 3 . 2 . 0 [get it](#)

## TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-07 15/03/2000 3 . 2 . 0 [get it](#)  
NP-08 23/06/2000 3 . 3 . 0 [get it](#)  
NP-09 26/10/2000 3 . 4 . 0 [get it](#)  
NP-10 21/12/2000 3 . 5 . 0 [get it](#)  
NP-12 27/06/2001 3 . 6 . 0 [get it](#)  
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 371

02 December 2002 20:52:01

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	NP-06 17/12/1999 3 . 1 . 0	<a href="#">get it</a>		remarks - this release:		
	NP-09 26/10/2000 3 . 2 . 0	<a href="#">get it</a>				

---

<b>TS 23.084</b>	<b>MultiParty (MPTY) Supplementary Service; Stage 2</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	NP-06 17/12/1999 3 . 1 . 0	<a href="#">get it</a>		remarks - this release:		
	NP-09 26/10/2000 3 . 2 . 0	<a href="#">get it</a>				

---

<b>TS 23.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 2</b>					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	edito 06/06/2000 3 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
	NP-09 26/10/2000 3 . 1 . 0	<a href="#">get it</a>				

---

<b>TS 23.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 2</b>					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999 3 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	edito 06/06/2000 3 . 0 . 1	<a href="#">get it</a>		remarks - this release:		
	NP-09 26/10/2000 3 . 1 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 372

02 December 2002 20:52:01

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2**

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

---

**TS 23.088 Call Barring (CB) Supplementary Service; Stage 2**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

---

**TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* CROOK, Mick ORANGE PCS LTD  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

---

**TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2**

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*  
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*  
ETSI Publication 07/11/2000 3 . 2 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 373

02 December 2002 20:52:01

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.093</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-03 23/04/1999					3 . 0 . 0
	NP-06 17/12/1999	<a href="#">get it</a>		remarks - general:		3 . 1 . 0
	NP-09 26/10/2000	<a href="#">get it</a>		remarks - this release:		3 . 2 . 0
		<a href="#">get it</a>				

---

<b>TS 23.094</b>	<b>Follow Me Stage 2</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-06	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-06 17/12/1999	<a href="#">get it</a>		remarks - general:	Transfer>TSG#4. GSM only @TSG#5	3 . 0 . 0
	NP-07 15/03/2000	<a href="#">get it</a>		remarks - this release:	Transfer>TSG#6.	3 . 1 . 0
	NP-09 26/10/2000	<a href="#">get it</a>				3 . 2 . 0

---

<b>TS 23.096</b>	<b>Name Identification Supplementary Service; Stage 2</b>					
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-03 23/04/1999	<a href="#">get it</a>		remarks - general:		3 . 0 . 0
	edito 06/06/2000	<a href="#">get it</a>		remarks - this release:	.	3 . 0 . 1

---

<b>TS 23.097</b>	<b>Multiple Subscriber Profile (MSP) Phase 1; Stage 2</b>					
R99	current version: 3.1.1	WG (prime / other):	N4 / -	rapporteur:	HEWSON, Ruth	VODAFONE Group Plc
	freeze_meeting: SP-05	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-05 13/10/1999	<a href="#">get it</a>		remarks - general:	Transfer>TSG#4,CR at TSG#5	3 . 0 . 1
	NP-06 17/12/1999	<a href="#">get it</a>		remarks - this release:		3 . 1 . 0
	NP-07 15/03/2000	<a href="#">get it</a>				3 . 1 . 1

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 374

02 December 2002 20:52:02

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.101</b>	<b>General UMTS Architecture</b>					
R99	current version: 3.1.0	WG (prime / other):	S2 / -	rapporteur:	OLSSON, Magnus	Telefon AB LM Ericsson
	freeze_meeting: SP-04	G:	U: yes	MCC:	SULTAN, Alain	
	history (event, available, version,					
	First complete	13/06/1997	0 . 1 . 0	<a href="#">get it</a>	remarks - general:	
	Transfer to SP SA	04/03/1999	0 . 1 . 1	<a href="#">get it</a>	remarks - this release:	
	WG2					
	SP-03	23/04/1999	3 . 0 . 0	<a href="#">get it</a>		
	SP-04	23/06/1999	3 . 0 . 1	<a href="#">get it</a>		
	SP-10	21/12/2000	3 . 1 . 0	<a href="#">get it</a>		
<hr/>						
<b>TS 23.107</b>	<b>Quality of Service (QoS) concept and architecture</b>					
R99	current version: 3.9.0	WG (prime / other):	S2 / -	rapporteur:	GREIS, Marc	NOKIA Corporation
	freeze_meeting: SP-05	G:	U: yes	MCC:	SULTAN, Alain	
	history (event, available, version,					
	SP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - general: was 23.907	
	SP-06	17/12/1999	3 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	SP-07	15/03/2000	3 . 2 . 0	<a href="#">get it</a>		
	SP-08	28/06/2000	3 . 3 . 0	<a href="#">get it</a>		
	SP-09	19/10/2000	3 . 4 . 0	<a href="#">get it</a>		
	SP-10	22/12/2000	3 . 5 . 0	<a href="#">get it</a>		
	SP-11	14/05/2001	3 . 6 . 0	<a href="#">get it</a>		
	SP-14	07/01/2002	3 . 7 . 0	<a href="#">get it</a>	CR072r1 erroneously implemented; anticipate correction at SP-15.	
	SP-15	07/04/2002	3 . 8 . 0	<a href="#">get it</a>		
	SP-17	24/09/2002	3 . 9 . 0	<a href="#">get it</a>		
<hr/>						
<b>TS 23.108</b>	<b>Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)</b>					
R99	current version: 3.2.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis	MOTOROLA GmbH
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	NP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general: This is clause 7 from 04.08 ex R98.	
	NP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - this release:	
	NP-04	23/06/1999	3 . 0 . 0	<a href="#">get it</a>		
	NP-06	17/12/1999	3 . 1 . 0	<a href="#">get it</a>		
	NP-07	15/03/2000	3 . 2 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 375

02 December 2002 20:52:02

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.110 UMTS Access Stratum Services and Functions

R99 current version: 3.4.0

freeze\_meeting: SP-07

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND  
G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,

draft	15/02/1997	0	.	3	.	0
Transfer to SP S2	04/03/1999	0	.	3	.	1
SP-03	23/04/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-06	17/12/1999	3	.	3	.	0
SP-07	15/03/2000	3	.	4	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.2.0

freeze\_meeting: SP-07

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas Indicate persons who left Company and wait for new One  
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-04	30/04/1999	0	.	0	.	0
NP-06	17/12/1999	1	.	0	.	0
NP-07	15/03/2000	3	.	0	.	0
NP-12	27/06/2001	3	.	1	.	0
NP-14	10/01/2002	3	.	2	.	0

[get it](#) remarks - general: New after TSG#5  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)

## TS 23.119 Gateway Location Register (GLR); Stage2

R99 current version: 3.0.0

freeze\_meeting: SP-07

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.  
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

draft	01/08/1999	0	.	1	.	0
draft	01/09/1999	0	.	2	.	0
draft	01/10/1999	0	.	3	.	0
draft	01/11/1999	0	.	4	.	0
draft	15/11/1999	0	.	5	.	0
N2b, Milan	28/02/2000	1	.	0	.	0
NP-07	21/11/2000	2	.	0	.	0
NP-10	09/01/2001	3	.	0	.	0

[get it](#) remarks - general: New after TSG#5  
[get it](#) remarks - this release: Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 376

02 December 2002 20:52:02

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.121 Architectural requirements for Release 1999

R99 current version: 3.6.0  
freeze\_meeting: SP-04

WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK  
G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,

First complete	23/04/1999	0	.	0	.	0
SP-03	23/04/1999	1	.	0	.	0
draft	01/06/1999	1	.	0	.	1
draft	20/06/1999	2	.	0	.	0
SP-04	23/06/1999	3	.	0	.	0
SP-05	13/10/1999	3	.	1	.	0
SP-06	17/12/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0
SP-09	19/10/2000	3	.	4	.	0
SP-10	20/12/2000	3	.	5	.	0
edito	01/02/2001	3	.	5	.	1
SP-16	18/06/2002	3	.	6	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 current version: 3.8.0  
freeze\_meeting: SP-03

WG (prime / other): N1 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation  
G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:

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.

editorial correction 10/02/2000 3 . 1 . 1

[get it](#)

NP-07	15/03/2000	3	.	2	.	0
NP-08	23/06/2000	3	.	3	.	0
NP-09	06/10/2000	3	.	4	.	0
edito	24/10/2000	3	.	4	.	1
edito	02/11/2000	3	.	4	.	2
NP-10	02/01/2001	3	.	5	.	0
NP-11	11/04/2001	3	.	6	.	0
NP-12	05/07/2001	3	.	7	.	0
NP-17	17/09/2002	3	.	8	.	0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 377

02 December 2002 20:52:03

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

R99 *current version:* 3.4.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, ERICSSON RESEARCH CA NADA  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* SULTAN, Alain

*history (event, available, version,*  
SP-05 13/10/1999 0 . 3 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.  
SP-07 17/12/1999 2 . 0 . 0 SP-000089 [get it](#) *remarks - this release:*  
SP-07 17/12/1999 3 . 0 . 0 [get it](#)  
SP-08 28/06/2000 3 . 1 . 0 [get it](#)  
SP-09 06/11/2000 3 . 2 . 0 [get it](#)  
SP-10 21/12/2000 3 . 3 . 0 [get it](#)  
SP-12 29/06/2001 3 . 4 . 0 [get it](#)

---

## TS 23.135 Multicall supplementary service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
NP-07 15/03/2000 1 . 1 . 0 [get it](#) *remarks - general:*  
NP-07 15/03/2000 3 . 0 . 0 [get it](#) *remarks - this release:*  
NP-08 23/06/2000 3 . 1 . 0 [get it](#)  
NP-09 25/10/2000 3 . 2 . 0 [get it](#)

---

## TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG  
*freeze\_meeting:* SP-07 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
TP-05 08/10/1999 0 . 1 . 0 [get it](#) *remarks - this release:*  
TP-06 17/12/1999 1 . 0 . 0 [get it](#)  
TP-07 15/03/2000 2 . 0 . 0 TP-000028 [get it](#)  
Editorial 15/03/2000 3 . 0 . 1 [get it](#)  
TP-16 24/06/2002 3 . 1 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 378

02 December 2002 20:52:03

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

R99 *current version:* 3.9.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* SULTAN, Alain  
*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:*  
SP-07 2 . 0 . 0 SP-000090  
SP-07 15/03/2000 3 . 0 . 0 [get it](#)  
SP-08 28/06/2000 3 . 1 . 0 [get it](#)  
SP-10 21/12/2000 3 . 2 . 0 [get it](#)  
SP-11 11/04/2001 3 . 3 . 0 [get it](#)  
SP-12 29/06/2001 3 . 4 . 0 [get it](#)  
SP-13 15/10/2001 3 . 5 . 0 [get it](#)  
SP-14 07/01/2002 3 . 6 . 0 [get it](#)  
SP-15 29/03/2002 3 . 7 . 0 [get it](#)  
SP-16 18/06/2002 3 . 8 . 0 [get it](#)  
SP-17 24/09/2002 3 . 9 . 0 [get it](#)

## TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 *current version:* 3.1.0 *WG (prime / other):* N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-05 08/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5  
NP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:* TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.  
editorial (!) 24/01/2000 3 . 1 . 0 [get it](#)

## TR 23.908 Technical report on Pre-Paging

R99 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
NP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
NP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .  
edito 02/05/2000 3 . 0 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 379

02 December 2002 20:52:03

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TR 23.909</b>	<b>Technical report on the Gateway Location Register</b>				
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David VODAFONE LTD
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo
	history (event, available, version,				
	NP-03 23/04/1999			<a href="#">get it</a>	remarks - general:
	NP-04 23/06/1999			<a href="#">get it</a>	remarks - this release: .
	edito 03/05/2000			<a href="#">get it</a>	
<b>TR 23.910</b>	<b>Circuit switched data bearer services</b>				
R99	current version: 3.6.0	WG (prime / other):	N3 / -	rapporteur:	WIIK, Rune Werner Telefon AB LM Ericsson
	freeze_meeting: SP-07	G:	U: yes	MCC:	BOSWARTHICK, David
	history (event, available, version,				
	NP-04 23/06/1999			<a href="#">get it</a>	remarks - general: 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
	NP-05 13/10/1999			<a href="#">get it</a>	remarks - this release:
	NP-06 17/12/1999			<a href="#">get it</a>	
	NP-07				
	NP-07 15/03/2000			<a href="#">get it</a>	
	NP-08 23/06/2000			<a href="#">get it</a>	
	NP-09 18/10/2000			<a href="#">get it</a>	
	NP-10 22/12/2000			<a href="#">get it</a>	
	NP-11 06/04/2001			<a href="#">get it</a>	
	NP-12 28/06/2001			<a href="#">get it</a>	
	NP-17 17/09/2002			<a href="#">get it</a>	
<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>				
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo SONERA Corporation
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	Creation of WI by 13/10/1999			<a href="#">get it</a>	remarks - general:
	WG/TB				remarks - this release: .
	NP-05 13/10/1999			<a href="#">get it</a>	
	edito 02/05/2000			<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 380

02 December 2002 20:52:04

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TR 23.912</b>	<b>Technical report on Super-Charger</b>					
R99	current version: 3.1.0		WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-05		G: yes U: yes	MCC: KYMALA INEN, Kimmo		
	history (event, available, version,					
	Creation of WI by 13/10/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general:		
	WG/TB			remarks - this release: .		
	NP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>			
	edito 02/05/2000	3 . 0 . 1	<a href="#">get it</a>			
	edito 09/05/2000	3 . 0 . 2	<a href="#">get it</a>			
	NP-14 10/01/2002	3 . 1 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 23.923</b>	<b>Combined GSM and Mobile IP mobility handling in UMTS IP CN</b>					
R99	current version: 3.0.0		WG (prime / other): S2 / -	rapporteur: HUBBARD, Elisabeth	TELIA AB	
	freeze_meeting: SP-06		G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
	SP-03 23/04/1999	0 . 5 . 0	<a href="#">get it</a>	remarks - general:		
	SP-04 23/06/1999	0 . 6 . 0	<a href="#">get it</a>	remarks - this release: July 2001: (Sultan) contents out of date. Replaced by 23.228.		
	SP-05 15/10/1999	1 . 0 . 0	<a href="#">get it</a>			
	SP-06 05/06/2000	3 . 0 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 23.925</b>	<b>UMTS Core network based ATM transport</b>					
R99	current version: 0.2.0	DRAFT	WG (prime / other): S2 / -	rapporteur: ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	freeze_meeting: SP-06		G: yes U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
	Table of Contents 22/04/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.		
	and Scope			remarks - this release: .		
	SP-03 23/04/1999	0 . 2 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 23.930</b>	<b>Iu Principles</b>					
R99	current version: 3.0.0		WG (prime / other): S2 / -	rapporteur: AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND	
	freeze_meeting: SP-04		G: U: yes	MCC: SULTAN, Alain		
	history (event, available, version,					
	Table of Contents 15/11/1997	0 . 1 . 1	<a href="#">get it</a>	remarks - general:		
	and Scope			remarks - this release: .		
	First complete 01/04/1999	1 . 0 . 0	<a href="#">get it</a>			
	SP-03 23/04/1999	1 . 2 . 1	<a href="#">get it</a>			
	SP-04 23/06/1999	3 . 0 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 381

02 December 2002 20:52:04

Server ACTIVE specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

## TR 23.972 Circuit switched multimedia telephony

R99 current version: 3.0.0  
freeze\_meeting: SP-07

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated  
Rouzbeh  
G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

Start of work	21/10/1999	0	.	0	.	1
N1-08	21/10/1999	0	.	0	.	2
N1-09	09/12/1999	0	.	0	.	3
N1-08 revision	29/10/1999	0	.	0	.	3
NP-07	15/03/2000	3	.	0	.	0

[get it](#) remarks - general: New after TSG#5. Minor title change TSG#7.  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)

R99

24 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

R99 current version: 3.1.0  
freeze\_meeting: SP-07

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-07	17/03/2000	3	.	0	.	0
NP-10	02/01/2001	3	.	1	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 current version: 3.9.0  
freeze\_meeting: SP-05

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
edito	25/04/2000	3	.	3	.	1
NP-08	23/06/2000	3	.	4	.	0
NP-09	06/10/2000	3	.	5	.	0
NP-10	02/01/2001	3	.	6	.	0
NP-11	11/04/2001	3	.	7	.	0
NP-14	04/01/2002	3	.	8	.	0
NP-16	24/06/2002	3	.	9	.	0

[get it](#) remarks - general: Transfer>TSG#4,CR at TSG#5  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 382

02 December 2002 20:52:04

Server ACTIVE specs R99 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

## TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

R99 current version: 3.13.0

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

freeze\_meeting: SP-03

G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03	23/04/1999	0	.	0	.	0
NP-04	23/06/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	27/12/1999	3	.	2	.	0
editorial correction	04/01/2000	3	.	2	.	1
NP-07	15/03/2000	3	.	3	.	0
edito	25/04/2000	3	.	3	.	1
NP-08	23/06/2000	3	.	4	.	0
Editorial	23/06/2000	3	.	4	.	1
NP-09	06/10/2000	3	.	5	.	0
NP-10	03/01/2001	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
edito	06/07/2001	3	.	7	.	1
NP-12	13/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	11/01/2002	3	.	10	.	0
NP-15	22/03/2002	3	.	11	.	0
NP-16	24/06/2002	3	.	12	.	0
NP-17	17/09/2002	3	.	13	.	0

[get it](#)

remarks - general: CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to

remarks - this release: be resolved till Jun00.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99 current version: 3.2.0

WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze\_meeting: SP-03

G: yes U: yes MCC: Peter Skov KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-08	23/06/2000	3	.	1	.	0
NP-14	10/01/2002	3	.	2	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 383

02 December 2002 20:52:05

Server ACTIVE specs R99 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.011</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>						
R99	current version: 3.6.0	WG (prime / other):	N1 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-05				Peter Skov		
	history (event, available, version,	G: yes	U: yes	MCC:	JORGENSEN, Per Johan		
	NP-05 13/10/1999						Transfer>TSG#4
	NP-06 17/12/1999						remarks - this release:
	NP-07 15/03/2000						
	NP-08 23/06/2000						
	NP-09 06/10/2000						
	NP-10 02/01/2001						
	NP-11 06/04/2001						

---

<b>TS 24.022</b>	<b>Radio Link Protocol (RLP) for circuit switched bearer and teleservices</b>						
R99	current version: 3.4.0	WG (prime / other):	N3 / -	rapporteur:	KLEHN, Norbert	SIEMENS AG	
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	NP-03 23/04/1999						CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link
	NP-05 13/10/1999						Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and
							the Base Station System - Mobile-services Switching Centre (BSS-MSC)
	NP-06 11/01/2000						
	NP-08 23/06/2000						
	edito 17/08/2000						
	NP-09 12/10/2000						

---

<b>TS 24.030</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>						
R99	current version: 3.3.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-08	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-07 17/03/2000						TSG#7: txfrd from SMG to 3GPP for R99.
	NP-08 23/06/2000						remarks - this release: TSG#7:Decision to create.
	NP-12 27/06/2001						
	NP-14 10/01/2002						

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 384

02 December 2002 20:52:05

Server ACTIVE specs R99 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.067</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-03 23/04/1999 3 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	NP-10 21/12/2000 3 . 1 . 0			<a href="#">get it</a>	remarks - this release:	
	NP-12 27/06/2001 3 . 2 . 0			<a href="#">get it</a>		

---

<b>TS 24.072</b>	<b>Call Deflection Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-03 23/04/1999 3 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release:	.

---

<b>TS 24.080</b>	<b>Mobile radio Layer 3 supplementary service specification; Formats and coding</b>					
R99	current version: 3.7.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-03 23/04/1999 3 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	NP-06 17/12/1999 3 . 1 . 0			<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000 3 . 2 . 0			<a href="#">get it</a>		
	NP-08 23/06/2000 3 . 3 . 0			<a href="#">get it</a>		
	NP-09 26/10/2000 3 . 4 . 0			<a href="#">get it</a>		
ASN.1 annex	24/01/2001 3 . 4 . 1			<a href="#">get it</a>		
updated						
	NP-12 04/07/2001 3 . 5 . 0			<a href="#">get it</a>		
	NP-14 10/01/2002 3 . 6 . 0			<a href="#">get it</a>		
	NP-16 21/06/2002 3 . 7 . 0			<a href="#">get it</a>		

---

<b>TS 24.081</b>	<b>Line Identification Supplementary Service; Stage 3</b>					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-03 23/04/1999 3 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	NP-08 23/06/2000 3 . 1 . 0			<a href="#">get it</a>	remarks - this release:	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 385

02 December 2002 20:52:05

Server ACTIVE specs R99 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.082</b>	<b>Call Forwarding supplementary service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.083</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.084</b>	<b>MultiParty (MPY) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.085</b>	<b>Closed User Group (CUG) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.086</b>	<b>Advice of Charge (AoC) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 386

02 December 2002 20:52:06

Server ACTIVE specs R99 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.087</b>	<b>User-to-User Signalling (UUS); Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.088</b>	<b>Call Barring (CB) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.090</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.091</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>						
<b>TS 24.093</b>	<b>Call Completion to Busy Subscriber (CCBS); Stage 3</b>					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				<a href="#">get it</a>	remarks - general: remarks - this release: .

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 387

02 December 2002 20:52:06

Server ACTIVE specs R99 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.096 Name Identification Supplementary Service; Stage 3**

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 24.135 Multicall supplementary service; Stage 3**

R99 *current version:* 3.2.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
NP-07 15/03/2000 3 . 0 . 0  
NP-08 23/06/2000 3 . 1 . 0  
NP-14 10/01/2002 3 . 2 . 0

*WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation  
*G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

R99 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 388

02 December 2002 20:52:06

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.101 UE Radio transmission and reception (FDD)

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

Editorial 15/03/2000 3 . 2 . 1

Editorial 25/04/2000 3 . 2 . 2

RP-08 23/06/2000 3 . 3 . 0

edito 31/07/2000 3 . 3 . 1

RP-09 13/10/2000 3 . 4 . 0

edito 10/11/2000 3 . 4 . 1

RP-10 02/01/2001 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-16 01/07/2002 3 . 11 . 0

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:  
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 389

02 December 2002 20:52:06

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.102 UTRA (UE) TDD; Radio transmission and reception

R99 current version: 3.12.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-16 01/07/2002 3 . 11 . 0

RP-17 02/10/2002 3 . 12 . 0

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:  
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 390

02 December 2002 20:52:07

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.104 UTRA (BS) FDD; Radio transmission and reception

R99 *current version:* 3.10.0

*freeze\_meeting:* SP-05

*history (event, available, version,*

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 13/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

*WG (prime / other):* R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson

*G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*  
*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 391

02 December 2002 20:52:07

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.105 UTRA (BS) TDD: Radio transmission and reception

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	16/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 current version: 3.5.0

freeze\_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-05	13/10/1999	1	.	2	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	13/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0

WG (prime / other): R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[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

# 3GPP specification status

Page 392

02 December 2002 20:52:07

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.123 Requirements for support of radio resource management (TDD)

R99 *current version:* 3.11.0 *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,*

RP-06	17/12/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-07	17/03/2000	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
edito	27/04/2000	3	.	1	.	1	<a href="#">get it</a>	
RP-08	23/06/2000	3	.	2	.	0	<a href="#">get it</a>	
RP-09	11/10/2000	3	.	3	.	0	<a href="#">get it</a>	
RP-10	22/12/2000	3	.	4	.	0	<a href="#">get it</a>	
RP-11	05/04/2001	3	.	5	.	0	<a href="#">get it</a>	
RP-12	29/06/2001	3	.	6	.	0	<a href="#">get it</a>	
RP-13	03/10/2001	3	.	7	.	0	<a href="#">get it</a>	
RP-14	16/01/2002	3	.	8	.	0	<a href="#">get it</a>	
RP-15	19/03/2002	3	.	9	.	0	<a href="#">get it</a>	
RP-16	03/07/2002	3	.	10	.	0	<a href="#">get it</a>	
RP-17	04/10/2002	3	.	11	.	0	<a href="#">get it</a>	

---

## TS 25.133 Requirements for support of radio resource management (FDD)

R99 *current version:* 3.11.0 *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,*

RP-06	17/12/1999	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
RP-07	17/03/2000	3	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
RP-08	23/06/2000	3	.	2	.	0	<a href="#">get it</a>	
RP-09	18/10/2000	3	.	3	.	0	<a href="#">get it</a>	
RP-10	09/01/2001	3	.	4	.	0	<a href="#">get it</a>	
RP-11	05/04/2001	3	.	5	.	0	<a href="#">get it</a>	
RP-12	29/06/2001	3	.	6	.	0	<a href="#">get it</a>	
RP-13	03/10/2001	3	.	7	.	0	<a href="#">get it</a>	
RP-14	17/01/2002	3	.	8	.	0	<a href="#">get it</a>	
RP-15	19/03/2002	3	.	9	.	0	<a href="#">get it</a>	
RP-16	04/07/2002	3	.	10	.	0	<a href="#">get it</a>	
RP-17	04/10/2002	3	.	11	.	0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 393

02 December 2002 20:52:08

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.141 Base station conformance testing (FDD)

R99 current version: 3.11.0

freeze\_meeting: SP-06

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 1  
and Scope

First complete 23/04/1999 0 . 1 . 0

RP-03 23/04/1999 0 . 1 . 0

RP-04 23/06/1999 1 . 0 . 0

RP-05 13/10/1999 2 . 0 . 2

RP-06 12/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 11/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

edito 09/01/2001 3 . 4 . 1

RP-11 05/04/2001 3 . 5 . 0

RP-12 29/06/2001 3 . 6 . 0

RP-13 03/10/2001 3 . 7 . 0

RP-14 16/01/2002 3 . 8 . 0

RP-15 29/03/2002 3 . 9 . 0

RP-16 04/07/2002 3 . 10 . 0

RP-17 04/10/2002 3 . 11 . 0

WG (prime / other): R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:  
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 394

02 December 2002 20:52:08

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.142 Base station conformance testing (TDD)

R99 current version: 3.11.0

freeze\_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	0	.	0	.	1
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
edito	31/07/2000	3	.	2	.	1
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0

WG (prime / other): R4 / - rapporteur: MEYER, Juergen SIEMENS AG  
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.201 Physical layer - general description

R99 current version: 3.4.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents	16/10/1998	0	.	0	.	0
and Scope						
First complete	15/02/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	0	.	2
RP-08	23/06/2000	3	.	1	.	0
RP-14	09/01/2002	3	.	2	.	0
RP-15	29/03/2002	3	.	3	.	0
RP-16	28/06/2002	3	.	4	.	0

WG (prime / other): R1 / - rapporteur: TOSKALA, Antti NOKIA Corporation  
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 395

02 December 2002 20:52:08

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99	<i>current version:</i> 3.12.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	WILDE, Andreas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version,</i>						
Table of Contents	04/02/1999	0	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>
and Scope						<i>remarks - this release:</i>
First complete	04/03/1999	1	. 0	. 0	<a href="#">get it</a>	
RP-03	23/04/1999	2	. 0	. 0	<a href="#">get it</a>	
RP-04	23/06/1999	2	. 1	. 0	<a href="#">get it</a>	
RP-05	13/10/1999	3	. 0	. 0	<a href="#">get it</a>	
RP-06	12/12/1999	3	. 1	. 0	<a href="#">get it</a>	
RP-07	15/03/2000	3	. 2	. 0	<a href="#">get it</a>	
RP-08	23/06/2000	3	. 3	. 0	<a href="#">get it</a>	
RP-09	18/10/2000	3	. 4	. 0	<a href="#">get it</a>	
RP-10	22/12/2000	3	. 5	. 0	<a href="#">get it</a>	
RP-11	05/04/2001	3	. 6	. 0	<a href="#">get it</a>	
RP-12	28/06/2001	3	. 7	. 0	<a href="#">get it</a>	
RP-13	08/10/2001	3	. 8	. 0	<a href="#">get it</a>	
RP-14	09/01/2002	3	. 9	. 0	<a href="#">get it</a>	
RP-15	29/03/2002	3	. 10	. 0	<a href="#">get it</a>	
RP-16	28/06/2002	3	. 11	. 0	<a href="#">get it</a>	
RP-17	27/09/2002	3	. 12	. 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 396

02 December 2002 20:52:09

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.212 Multiplexing and channel coding (FDD)

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-14 09/01/2002 3 . 8 . 0

RP-15 29/03/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

RP-17 27/09/2002 3 . 11 . 0

WG (prime / other): R1 / - rapporteur: TANAKA, Yoshinori Fujitsu Limited  
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 25.213 Spreading and modulation (FDD)

R99 current version: 3.8.0

freeze\_meeting: SP-05

history (event, available, version,

draft 04/02/1999 0 . 0 . 0

draft 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 05/04/2001 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-14 09/01/2002 3 . 7 . 0

RP-16 28/06/2002 3 . 8 . 0

WG (prime / other): R1 / - rapporteur: CHAMBERS, Peter SIEMENS AG  
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 397

02 December 2002 20:52:09

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 398

02 December 2002 20:52:09

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99	<i>current version:</i> 3.11.0	WG (prime / other):	R1	/ -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd
	<i>freeze_meeting:</i> SP-05	G:	U: yes		<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version,</i>							
Table of Contents	04/02/1999	0	.	0	.	0	
and Scope							
RP-03	23/04/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
RP-04	23/06/1999	1	.	1	.	0	<i>remarks - this release:</i>
RP-05	13/10/1999	3	.	0	.	0	<a href="#">get it</a>
RP-06	12/12/1999	3	.	1	.	0	<a href="#">get it</a>
RP-07	15/03/2000	3	.	2	.	0	<a href="#">get it</a>
RP-08	23/06/2000	3	.	3	.	0	<a href="#">get it</a>
RP-09	18/10/2000	3	.	4	.	0	<a href="#">get it</a>
RP-10	22/12/2000	3	.	5	.	0	<a href="#">get it</a>
RP-11	05/04/2001	3	.	6	.	0	<a href="#">get it</a>
RP-12	28/06/2001	3	.	7	.	0	<a href="#">get it</a>
RP-13	08/10/2001	3	.	8	.	0	<a href="#">get it</a>
RP-14	09/01/2002	3	.	9	.	0	<a href="#">get it</a>
RP-15	29/03/2002	3	.	10	.	0	<a href="#">get it</a>
RP-17	27/09/2002	3	.	11	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 399

02 December 2002 20:52:10

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.222 Multiplexing and channel coding (TDD)

R99 current version: 3.10.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

edito 03/05/2000 3 . 2 . 1

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-15 29/03/2002 3 . 8 . 0

RP-16 28/06/2002 3 . 9 . 0

RP-17 27/09/2002 3 . 10 . 0

WG (prime / other): R1 / -

G: U: yes

rapporteur: KAHTAVA, Jussi

MCC: SASAKI, Tsukasa

Nokia Japan Co. Ltd

[get it](#) remarks - general:  
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 400

02 December 2002 20:52:10

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* VACANT,  
*G:* U: yes *MCC:* SASAKI, Tsukasa

*history (event, available, version,*

Creation of WI by 15/01/1999 0 . 0 . 0  
WG/TB

[get it](#) *remarks - general:*  
*remarks - this release:*

First complete 04/03/1999 1 . 0 . 0

[get it](#)

RP-03 23/04/1999 2 . 0 . 0

[get it](#)

RP-04 23/06/1999 2 . 1 . 0

[get it](#)

RP-05 13/10/1999 3 . 0 . 0

[get it](#)

RP-06 12/12/1999 3 . 1 . 0

[get it](#)

RP-07 15/03/2000 3 . 2 . 0

[get it](#)

RP-08 23/06/2000 3 . 3 . 0

[get it](#)

RP-09 18/10/2000 3 . 4 . 0

[get it](#)

RP-11 05/04/2001 3 . 5 . 0

[get it](#)

RP-12 28/06/2001 3 . 6 . 0

[get it](#)

RP-13 08/10/2001 3 . 7 . 0

[get it](#)

RP-15 29/03/2002 3 . 8 . 0

[get it](#)

## TS 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.11.0  
*freeze\_meeting:* SP-05

*WG (prime / other):* R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG  
*G:* U: yes *MCC:* SASAKI, Tsukasa

*history (event, available, version,*

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

[get it](#) *remarks - general:*  
*remarks - this release:*

RP-03 23/04/1999 1 . 0 . 0

[get it](#)

RP-05 13/10/1999 3 . 0 . 0

[get it](#)

RP-06 12/12/1999 3 . 1 . 0

[get it](#)

RP-07 15/03/2000 3 . 2 . 0

[get it](#)

RP-08 23/06/2000 3 . 3 . 0

[get it](#)

RP-09 18/10/2000 3 . 4 . 0

[get it](#)

RP-10 22/12/2000 3 . 5 . 0

[get it](#)

RP-11 05/04/2001 3 . 6 . 0

[get it](#)

RP-12 28/06/2001 3 . 7 . 0

[get it](#)

RP-13 08/10/2001 3 . 8 . 0

[get it](#)

RP-14 09/01/2002 3 . 9 . 0

[get it](#)

RP-15 29/03/2002 3 . 10 . 0

[get it](#)

RP-17 27/09/2002 3 . 11 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 401

02 December 2002 20:52:10

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.225 Physical layer; Measurements (TDD)

R99 current version: 3.11.0

freeze\_meeting: SP-05

history (event, available, version,

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-16	28/06/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu NEC Corporation  
G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.301 Radio Interface Protocol Architecture

R99 current version: 3.11.0

freeze\_meeting: SP-03

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
WG approval	16/04/1999	2	.	0	.	0
RP-03	23/04/1999	3	.	0	.	0
RP-04	23/06/1999	3	.	1	.	0
RP-05	13/10/1999	3	.	2	.	0
RP-06	17/12/1999	3	.	3	.	0
RP-07	15/03/2000	3	.	4	.	0
RP-08	30/06/2000	3	.	5	.	0
RP-09	16/10/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-16	17/06/2002	3	.	10	.	0
RP-17	18/09/2002	3	.	11	.	0

WG (prime / other): R2 / - rapporteur: GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH  
G: U: yes MCC: ARZELIER, Claude

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 402

02 December 2002 20:52:11

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.302 Services provided by the physical layer

R99 current version: 3.14.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 3 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 4 . 0

RP-08 23/06/2000 3 . 5 . 0

RP-09 16/10/2000 3 . 6 . 0

RP-10 20/12/2000 3 . 7 . 0

RP-11 27/03/2001 3 . 8 . 0

RP-12 19/06/2001 3 . 9 . 0

RP-13 02/10/2001 3 . 10 . 0

RP-14 04/01/2002 3 . 11 . 0

RP-15 19/03/2002 3 . 12 . 0

RP-16 17/06/2002 3 . 13 . 0

RP-17 18/09/2002 3 . 14 . 0

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: ARZELIER, Claude

[get it](#) remarks - general: V3.0.0 approved via e-mail July 99 CR at TSG#5?  
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 403

02 December 2002 20:52:11

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.303 Interlayer procedures in Connected Mode

R99 current version: 3.12.0

freeze\_meeting: SP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 16/10/2000 3 . 5 . 0

RP-10 20/12/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-13 02/10/2001 3 . 9 . 0

RP-14 04/01/2002 3 . 10 . 0

RP-15 19/03/2002 3 . 11 . 0

RP-16 17/06/2002 3 . 12 . 0

WG (prime / other): R2 / - rapporteur: RINNE, Mikko J  
G: U: yes MCC: ARZELIER, Claude

Nokia Research Center

[get it](#) remarks - general:  
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 404

02 December 2002 20:52:11

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

R99 *current version:* 3.11.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation  
*freeze\_meeting:* SP-05 *G:* U: yes *MCC:* ARZELIER, Claude

*history (event, available, version,*

Start of work	15/01/1999	0	.	1	.	1
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	2	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	16/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	27/06/2001	3	.	7	.	0
RP-13	02/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	19/03/2002	3	.	10	.	0
RP-16	17/06/2002	3	.	11	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* RP-07 *G:* U: yes *MCC:* ARZELIER, Claude

*history (event, available, version,*

RP-05	13/10/1999	1	.	4	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	16/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	27/03/2001	3	.	5	.	0
RP-12	19/06/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0

[get it](#) *remarks - general:* Created from 25.923  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 405

02 December 2002 20:52:12

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.6.0

*freeze\_meeting:* SP-10

*history (event, available, version,*

RP-10	22/12/2000	3	.	0	.	0
RP-11	27/03/2001	3	.	1	.	0
RP-12	19/06/2001	3	.	2	.	0
RP-13	02/10/2001	3	.	3	.	0
RP-14	04/01/2002	3	.	4	.	0
RP-15	19/03/2002	3	.	5	.	0
RP-16	17/06/2002	3	.	6	.	0

*WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*G:* *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.  
[get it](#) *remarks - this release:* Converted from TR 25.926 v3.2.0 Nov 00.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 25.307 Requirements on UEs supporting a release-independent frequency band

R99 *current version:* 3.1.0

*freeze\_meeting:* RP-13

*history (event, available, version,*

RP-12	27/06/2001	2	.	0	.	0	RP-010326, to be approved RP-13.	<a href="#">get it</a>
RP-13	01/10/2001	2	.	1	.	0	RP-010557, but not for approval? -	<a href="#">get it</a>

*WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* *U:* yes *MCC:* ARZELIER, Claude

*remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling  
*remarks - this release:* Expect continual updates each time a new band is allowed. requirements, R4 = RF &

RMM requirements.

							debate!	
RP-13	02/10/2001	3	.	0	.	0	Was approved after all!	<a href="#">get it</a>
RP-14	04/01/2002	3	.	1	.	0		<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 406

02 December 2002 20:52:12

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.321 Medium Access Control (MAC) protocol specification

R99 current version: 3.13.0

freeze\_meeting: TP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

draft 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 16/10/2000 3 . 5 . 0

RP-10 20/12/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-13 02/10/2001 3 . 9 . 0

RP-14 04/01/2002 3 . 10 . 0

RP-15 19/03/2002 3 . 11 . 0

RP-16 17/06/2002 3 . 12 . 0

RP-17 18/09/2002 3 . 13 . 0

WG (prime / other): R2 / - rapporteur: GESSNER, Christina SIEMENS AG

G: U: yes MCC: ARZELIER, Claude

[get it](#) remarks - general:  
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 407

02 December 2002 20:52:12

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.322 Radio Link Control (RLC) protocol specification

R99 current version: 3.12.0

freeze\_meeting: SP-05

WG (prime / other): R2 / - rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION  
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

[get it](#) remarks - general:  
remarks - this release:

RP-03 23/04/1999 1 . 0 . 0

[get it](#)

RP-04 23/06/1999 1 . 1 . 0

[get it](#)

RP-05 13/10/1999 3 . 0 . 0

[get it](#)

RP-06 17/12/1999 3 . 1 . 0

[get it](#)

RP-07 15/03/2000 3 . 2 . 0

[get it](#)

RP-08 23/06/2000 3 . 3 . 0

[get it](#)

RP-09 16/10/2000 3 . 4 . 0

[get it](#)

RP-10 20/12/2000 3 . 5 . 0

[get it](#)

RP-11 27/03/2001 3 . 6 . 0

[get it](#)

RP-12 19/06/2001 3 . 7 . 0

[get it](#)

RP-13 03/10/2001 3 . 8 . 0

[get it](#)

RP-14 04/01/2002 3 . 9 . 0

[get it](#)

RP-15 19/03/2002 3 . 10 . 0

[get it](#)

RP-16 17/06/2002 3 . 11 . 0

[get it](#)

RP-17 19/09/2002 3 . 12 . 0

[get it](#)

## TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 current version: 3.10.0

freeze\_meeting: SP-06

WG (prime / other): R2 / - rapporteur: HANS, Martin SIEMENS AG  
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

RP-05 13/10/1999 0 . 1 . 0

[get it](#) remarks - general:

RP-06 17/12/1999 3 . 0 . 0

[get it](#) remarks - this release:

RP-07 15/03/2000 3 . 1 . 0

[get it](#)

RP-08 23/06/2000 3 . 2 . 0

[get it](#)

RP-09 06/10/2000 3 . 3 . 0

[get it](#)

RP-11 27/03/2001 3 . 4 . 0

[get it](#)

RP-12 19/06/2001 3 . 5 . 0

[get it](#)

RP-13 02/10/2001 3 . 6 . 0

[get it](#)

RP-14 04/01/2002 3 . 7 . 0

[get it](#)

RP-15 19/03/2002 3 . 8 . 0

[get it](#)

RP-16 17/06/2002 3 . 9 . 0

[get it](#)

RP-17 18/09/2002 3 . 10 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 408

02 December 2002 20:52:13

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.324 Broadcast/Multicast Control (BMC)

R99 current version: 3.5.0

freeze\_meeting: SP-06

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-16	17/06/2002	3	.	5	.	0

WG (prime / other): R2 / - rapporteur: HARTL, Mike Vodafone D2 GmbH  
G: U: yes MCC: ARZELIER, Claude

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.12.0

freeze\_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	06/10/2000	3	.	4	.	0
removal of CR	06/10/2000	3	.	4	.	1
RP-10	21/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	27/06/2001	3	.	7	.	0
RP-13	01/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	17/06/2002	3	.	11	.	0
RP-17	18/09/2002	3	.	12	.	0

WG (prime / other): R2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd  
G: U: yes MCC: ARZELIER, Claude

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 409

02 December 2002 20:52:13

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.401 UTRAN Overall Description

R99 current version: 3.10.0

freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)  
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0  
and Scope

[get it](#) remarks - general: Approval at TSG#5  
remarks - this release:

First complete 04/03/1999 1 . 0 . 0

[get it](#)

RP-04 23/06/1999 1 . 1 . 1

[get it](#)

RP-05 13/10/1999 3 . 0 . 0

[get it](#)

RP-06 17/12/1999 3 . 1 . 0

[get it](#)

RP-07 15/03/2000 3 . 2 . 0

[get it](#)

RP-08 23/06/2000 3 . 3 . 0

[get it](#)

RP-09 05/10/2000 3 . 4 . 0

[get it](#)

RP-10 21/12/2000 3 . 5 . 0

[get it](#)

RP-11 06/04/2001 3 . 6 . 0

[get it](#)

RP-12 06/07/2001 3 . 7 . 0

[get it](#)

RP-13 12/10/2001 3 . 8 . 0

[get it](#)

RP-15 02/04/2002 3 . 9 . 0

[get it](#)

RP-16 28/06/2002 3 . 10 . 0

[get it](#)

## TS 25.402 Synchronisation in UTRAN Stage 2

R99 current version: 3.10.0

freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: PIOLINI, Flavio Indicate persons who left Company and wait for new  
G: U: yes MCC: KRAUSE, Joern One

history (event, available, version,

RP-05 13/10/1999 0 . 0 . 1

[get it](#) remarks - general: New

RP-06 17/12/1999 3 . 0 . 0

[get it](#) remarks - this release:

RP-07 17/03/2000 3 . 1 . 0

[get it](#)

RP-08 23/06/2000 3 . 2 . 0

[get it](#)

RP-09 05/10/2000 3 . 3 . 0

[get it](#)

RP-10 22/12/2000 3 . 4 . 0

[get it](#)

RP-11 06/04/2001 3 . 5 . 0

[get it](#)

RP-12 06/07/2001 3 . 6 . 0

[get it](#)

RP-13 12/10/2001 3 . 7 . 0

[get it](#)

RP-14 11/01/2002 3 . 8 . 0

[get it](#)

RP-15 02/04/2002 3 . 9 . 0

[get it](#)

RP-16 28/06/2002 3 . 10 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 410

02 December 2002 20:52:14

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 *current version:* 3.8.0  
*freeze\_meeting:* SP-05  
*history (event, available, version,*

*WG (prime / other):* R3 / - *rapporteur:* TOWNEND, Richard mm02 plc  
*G:* *U:* yes *MCC:* KRAUSE, Joern

draft 04/03/1999 0 . 0 . 0  
RP-03 23/04/1999 0 . 1 . 0  
RP-04 23/06/1999 0 . 2 . 1  
RP-05 13/10/1999 3 . 0 . 0  
RP-06 12/12/1999 3 . 1 . 0  
RP-07 15/03/2000 3 . 2 . 0  
RP-10 21/12/2000 3 . 3 . 0  
RP-12 06/07/2001 3 . 4 . 0  
RP-13 12/10/2001 3 . 5 . 0  
RP-14 11/01/2002 3 . 6 . 0  
RP-16 28/06/2002 3 . 7 . 0  
RP-17 30/09/2002 3 . 8 . 0

[get it](#) *remarks - general:* Approval at TSG#5  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 25.411 UTRAN Iu interface layer 1

R99 *current version:* 3.5.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*

*WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG  
*G:* *U:* yes *MCC:* KRAUSE, Joern

RP-03 23/04/1999 0 . 0 . 0  
TB adoption of WI 15/01/1999 0 . 0 . 0  
Creation of WI by 15/01/1999 0 . 0 . 0  
WG/TB  
RP-04 23/06/1999 3 . 0 . 0  
RP-06 12/12/1999 3 . 1 . 0  
RP-07 15/03/2000 3 . 2 . 0  
RP-10 21/12/2000 3 . 3 . 0  
RP-11 06/04/2001 3 . 4 . 0  
RP-12 06/07/2001 3 . 5 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[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

# 3GPP specification status

Page 411

02 December 2002 20:52:14

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.412 UTRAN Iu interface signalling transport

R99 current version: 3.6.0  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran  
G: U: yes MCC: KRAUSE, Joern

RadioScape Limited

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	0	0
RP-03	23/04/1999	1	0	0
RP-04	23/06/1999	3	0	0
RP-05	13/10/1999	3	1	0
RP-06	17/12/1999	3	2	0
RP-07	15/03/2000	3	3	0
RP-08	23/06/2000	3	4	0
RP-09	05/10/2000	3	5	0
RP-10	21/12/2000	3	6	0

[get it](#) remarks - general:  
remarks - this release:

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.413 UTRAN Iu interface RANAP signalling

R99 current version: 3.11.1  
freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: JUSSILA, Jyrki  
G: U: yes MCC: KRAUSE, Joern

NOKIA Corporation

history (event, available, version,

draft	04/02/1999	0	0	0
RP-03	23/04/1999	1	0	0
RP-04	23/06/1999	1	0	2
RP-05	13/10/1999	1	3	1
RP-06	17/12/1999	3	0	0
RP-07	15/03/2000	3	1	0
RP-08	23/06/2000	3	2	0
RP-09	05/10/2000	3	3	0
RP-10	22/12/2000	3	4	0
RP-11	06/04/2001	3	5	0
RP-12	06/07/2001	3	6	0
RP-13	12/10/2001	3	7	0
RP-14	14/01/2002	3	8	0
RP-15	02/04/2002	3	9	0
RP-16	05/07/2002	3	10	0
RP-17	30/09/2002	3	11	0
edito post RP-17	03/10/2002	3	11	1

[get it](#) remarks - general:  
remarks - this release:

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 412

02 December 2002 20:52:14

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.414 UTRAN lu interface data transport & transport signalling

R99 current version: 3.11.0

freeze\_meeting: SP-04

history (event, available, version,

draft	04/02/1999	0	.	0	.	0
draft	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	05/10/2000	3	.	5	.	0
RP-10	21/12/2000	3	.	6	.	0
RP-11	06/04/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	02/04/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0

WG (prime / other): R3 / - rapporteur: COMSTOCK, David

G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 413

02 December 2002 20:52:15

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.415 UTRAN Iu interface user plane protocols

R99 current version: 3.12.0

freeze\_meeting: SP-05

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain  
G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	26/09/2002	3	.	12	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 current version: 3.10.0

freeze\_meeting: SP-07

WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn  
G: U: yes MCC: KRAUSE, Joern

MOTOROLA Ltd

history (event, available, version,

RP-06	17/12/1999	0	.	0	.	0
RP-07		2	.	0	.	0
RP-07	15/03/2000	3	.	0	.	0
RP-08	23/06/2000	3	.	1	.	0
RP-09	05/10/2000	3	.	2	.	0
RP-10	21/12/2000	3	.	3	.	0
RP-11	06/04/2001	3	.	4	.	0
RP-12	06/07/2001	3	.	5	.	0
RP-13	12/10/2001	3	.	6	.	0
RP-14	11/01/2002	3	.	7	.	0
RP-15	02/04/2002	3	.	8	.	0
RP-16	28/06/2002	3	.	9	.	0
RP-17	30/09/2002	3	.	10	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 414

02 December 2002 20:52:15

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 current version: 3.5.0  
freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran  
G: U: yes MCC: KRAUSE, Joern

RadioScape Limited

history (event, available, version,

RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	1	.	0	.	1
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	05/10/2000	3	.	2	.	0
RP-11	05/04/2001	3	.	3	.	0
RP-14	11/01/2002	3	.	4	.	0
RP-15	02/04/2002	3	.	5	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.421 UTRAN Iur interface Layer 1

R99 current version: 3.1.0  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V.  
G: U: yes MCC: KRAUSE, Joern

SIEMENS AG

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-11	06/04/2001	3	.	1	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)

## TS 25.422 UTRAN Iur interface signalling transport

R99 current version: 3.6.1  
freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran  
G: U: yes MCC: KRAUSE, Joern

RadioScape Limited

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
edito	05/10/2000	3	.	4	.	1
RP-10	21/12/2000	3	.	5	.	0
RP-14	11/01/2002	3	.	6	.	0
edito post	RP-14 02/04/2002	3	.	6	.	1

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 415

02 December 2002 20:52:15

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.423 UTRAN Iur interface RNSAP signalling

R99 current version: 3.11.0

freeze\_meeting: SP-06

history (event, available, version,

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	4	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	02/01/2001	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0

WG (prime / other): R3 / -

G: U: yes

rapporteur: RUNE, Göran

MCC: KRAUSE, Joern

Ericsson AB

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

R99 current version: 3.9.0

freeze\_meeting: SP-04

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-14	11/01/2002	3	.	7	.	0
RP-15	02/04/2002	3	.	8	.	0
RP-16	28/06/2002	3	.	9	.	0

WG (prime / other): R3 / -

G: U: yes

rapporteur: DREVON, Nicolas

MCC: KRAUSE, Joern

ALCATEL S.A.

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 416

02 December 2002 20:52:16

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.425 UTRAN Iur interface user plane protocols for CCH data streams

R99 current version: 3.7.0 WG (prime / other): R3 / - rapporteur: DREVON, Nicolas ALCATEL S.A.  
freeze\_meeting: SP-05 G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

draft	19/03/1999	0	.	0	.	0		<a href="#">get it</a>	remarks - general:
RP-03	23/04/1999	0	.	1	.	0		<a href="#">get it</a>	remarks - this release:
RP-04	23/06/1999	0	.	2	.	0		<a href="#">get it</a>	
RP-05	13/10/1999	0	.	2	.	5		<a href="#">get it</a>	
RP-06	12/12/1999	3	.	0	.	0		<a href="#">get it</a>	
RP-07	15/03/2000	3	.	1	.	0		<a href="#">get it</a>	
RP-08	23/06/2000	3	.	2	.	0		<a href="#">get it</a>	
RP-10	21/12/2000	3	.	3	.	0		<a href="#">get it</a>	
RP-11	06/04/2001	3	.	4	.	0		<a href="#">get it</a>	
RP-13	12/10/2001	3	.	5	.	0		<a href="#">get it</a>	
RP-14	11/01/2002	3	.	6	.	0		<a href="#">get it</a>	
RP-15	02/04/2002	3	.	7	.	0		<a href="#">get it</a>	

## TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

R99 current version: 3.9.0 WG (prime / other): R3 / - rapporteur: KEKKI, Sami NOKIA Corporation  
freeze\_meeting: SP-04 G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0		<a href="#">get it</a>	remarks - general:
RP-03	23/04/1999	1	.	0	.	0		<a href="#">get it</a>	remarks - this release:
RP-04	23/06/1999	3	.	0	.	0		<a href="#">get it</a>	
RP-05	13/10/1999	3	.	1	.	0		<a href="#">get it</a>	
RP-07	15/03/2000	3	.	2	.	0		<a href="#">get it</a>	
RP-08	23/06/2000	3	.	3	.	0		<a href="#">get it</a>	
RP-09	05/10/2000	3	.	4	.	0		<a href="#">get it</a>	
RP-10	21/12/2000	3	.	5	.	0		<a href="#">get it</a>	
RP-11	06/04/2001	3	.	6	.	0		<a href="#">get it</a>	
RP-14	11/01/2002	3	.	7	.	0		<a href="#">get it</a>	
RP-15	04/04/2002	3	.	8	.	0		<a href="#">get it</a>	
RP-16	28/06/2002	3	.	9	.	0		<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 417

02 December 2002 20:52:16

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* LONGONI, Fabio NOKIA TELECOMMUNICATIONS FINLAND  
*freeze\_meeting:* SP-05 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	2	.	1
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	11/01/2002	3	.	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](#)  
[get it](#)

## TS 25.430 UTRAN Iub Interface: General Aspects and Principles

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	2
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	21/12/2000	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-14	11/01/2002	3	.	7	.	0
RP-16	28/06/2002	3	.	8	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[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

# 3GPP specification status

Page 418

02 December 2002 20:52:17

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.431 UTRAN Iub interface Layer 1

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
RP-03 23/04/1999 0 . 0 . 0  
Creation of WI by 15/01/1999 0 . 0 . 0  
WG/TB  
RP-04 23/06/1999 3 . 0 . 0  
RP-11 06/04/2001 3 . 1 . 0

WG (*prime / other*): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG  
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

## TS 25.432 UTRAN Iub interface: signalling transport

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
WG approval 19/03/1999 0 . 0 . 0  
RP-03 23/04/1999 1 . 0 . 0  
RP-04 23/06/1999 3 . 0 . 0  
RP-05 13/10/1999 3 . 1 . 0

WG (*prime / other*): R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited  
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 419

02 December 2002 20:52:17

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TS 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.11.0

freeze\_meeting: SP-06

WG (prime / other): R3 / - rapporteur: ISHIKAWA, Nobutaka NTT DoCoMo Inc  
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16	19/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 current version: 3.8.0

freeze\_meeting: SP-04

WG (prime / other): R3 / - rapporteur: ALDEN, Magnus TELIA AB  
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	21/12/2000	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-14	11/01/2002	3	.	6	.	0
RP-15	02/04/2002	3	.	7	.	0
RP-16	28/06/2002	3	.	8	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 420

02 December 2002 20:52:17

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TS 25.435</b>	<b>UTRAN lub interface user plane protocols for CCH data streams</b>					
R99	<i>current version:</i> 3.10.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-04 23/06/1999	0 . 2 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>			
	RP-06 12/12/1999	3 . 1 . 0	<a href="#">get it</a>			
	RP-07 15/03/2000	3 . 2 . 0	<a href="#">get it</a>			
	RP-08 23/06/2000	3 . 3 . 0	<a href="#">get it</a>			
	RP-09 10/10/2000	3 . 4 . 0	<a href="#">get it</a>			
	RP-10 21/12/2000	3 . 5 . 0	<a href="#">get it</a>			
	RP-11 06/04/2001	3 . 6 . 0	<a href="#">get it</a>			
	RP-12 06/07/2001	3 . 7 . 0	<a href="#">get it</a>			
	RP-13 12/10/2001	3 . 8 . 0	<a href="#">get it</a>			
	RP-14 11/01/2002	3 . 9 . 0	<a href="#">get it</a>			
	RP-15 02/04/2002	3 . 10 . 0	<a href="#">get it</a>			

---

<b>TS 25.442</b>	<b>UTRAN implementation-specific O&amp;M transport</b>					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-04 23/06/1999	0 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i>		
	RP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>			
	RP-07 15/03/2000	3 . 1 . 0	<a href="#">get it</a>			

---

<b>TR 25.831</b>	<b>Study Items for future release</b>	DRAFT				
R99	<i>current version:</i> 0.0.2		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas		ALCATEL S.A.
	<i>freeze_meeting:</i> SP-06		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	RP-04 23/06/1999	0 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> .		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 421

02 December 2002 20:52:18

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.832</b>	<b>Manifestations of Handover and SRNS relocation</b>					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mm02 plc	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	First complete 04/03/1999	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	WG approval 19/03/1999	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> .	
	RP-03 23/04/1999	2 . 0 . 0		<a href="#">get it</a>		
	RP-04 23/06/1999	2 . 1 . 1		<a href="#">get it</a>		
	RP-05 13/10/1999	3 . 0 . 0		<a href="#">get it</a>		

---

<b>TR 25.833</b>	<b>Physical layer items not for inclusion in Release 99</b>					
R99	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-06		<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
	RP-08 12/01/2001	1 . 1 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Created Jan 2000 (aka R1.03)	
					<i>remarks - this release:</i>	

---

<b>TR 25.853</b>	<b>Delay budget within the access stratum</b>					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> RP-11		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	draft 06/04/2001	0 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.	
	RP-10 22/12/2000	3 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:3.0.0 (is evidently R99 not Rel-4)	
	RP-11 06/04/2001	3 . 1 . 0		<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 422

02 December 2002 20:52:18

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TR 25.921 Guidelines and principles for protocol description and error handling

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* ARZELIER, Claude

*history (event, available, version,*  
Table of Contents 04/02/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
and Scope *remarks - this release:*  
RP-03 23/04/1999 1 . 0 . 0 [get it](#)  
RP-05 13/10/1999 1 . 3 . 0 [get it](#)  
RP-06 12/12/1999 3 . 0 . 0 [get it](#)  
RP-07 15/03/2000 3 . 1 . 0 [get it](#)  
RP-10 20/12/2000 3 . 2 . 0 [get it](#)  
RP-11 27/03/2001 3 . 3 . 0 [get it](#)  
RP-12 19/06/2001 3 . 4 . 0 [get it](#)  
RP-13 02/10/2001 3 . 5 . 0 [get it](#)  
RP-14 04/01/2002 3 . 6 . 0 [get it](#)  
RP-15 19/03/2002 3 . 7 . 0 [get it](#)

---

## TR 25.922 Radio Resource Management Strategies

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* ARZELIER, Claude

*history (event, available, version,*  
First complete 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
RP-03 23/04/1999 0 . 1 . 1 [get it](#) *remarks - this release:*  
RP-04 23/06/1999 0 . 2 . 0 [get it](#)  
RP-05 13/10/1999 0 . 5 . 0 [get it](#)  
RP-06 12/12/1999 3 . 0 . 0 [get it](#)  
RP-07 15/03/2000 3 . 1 . 0 [get it](#)  
RP-08 23/06/2000 3 . 2 . 0 [get it](#)  
RP-09 16/10/2000 3 . 3 . 0 [get it](#)  
RP-10 20/12/2000 3 . 4 . 0 [get it](#)  
RP-11 27/03/2001 3 . 5 . 0 [get it](#)  
RP-13 02/10/2001 3 . 6 . 0 [get it](#)  
RP-15 19/03/2002 3 . 7 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 423

02 December 2002 20:52:18

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-06

*WG (prime / other):* R2 / - *rapporteur:* KRISCHAN, Peter Vodafone D2 GmbH  
*G:* U: yes *MCC:* ARZELIER, Claude

*history (event, available, version,*

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	0	.	2
RP-04	23/06/1999	0	.	1	.	0
RP-05	13/10/1999	0	.	2	.	0
RP-06	21/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 25.931 UTRAN Functions, examples on signalling procedures

R99 *current version:* 3.7.0  
*freeze\_meeting:* SP-07

*WG (prime / other):* R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.  
*G:* U: yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	2	.	2
RP-07	15/03/2000	1	.	2	.	4
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	21/12/2000	3	.	2	.	0
RP-11	06/04/2001	3	.	3	.	0
RP-12	05/07/2001	3	.	4	.	0
RP-14	11/01/2002	3	.	5	.	0
RP-15	02/04/2002	3	.	6	.	0
RP-16	28/06/2002	3	.	7	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 424

02 December 2002 20:52:19

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.941</b>	<b>Document structure</b>								
R99	current version: 3.1.0			WG (prime / other): R4 / -	rapporteur: TAKAMI, Tadao	NTT DoCoMo Inc			
	freeze_meeting: RP-06			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0	. 1	<a href="#">get it</a>	remarks - general:			
	RP-04 23/06/1999	1	. 0	. 0	<a href="#">get it</a>	remarks - this release:			
	RP-05 13/10/1999	3	. 0	. 0	<a href="#">get it</a>				
	RP-06 17/12/1999	3	. 1	. 0	<a href="#">get it</a>				

---

<b>TR 25.942</b>	<b>RF system scenarios</b>								
R99	current version: 3.3.0			WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	Vodafone Omnitel SpA			
	freeze_meeting: SP-11			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0	. 2	<a href="#">get it</a>	remarks - general: Additional rapporteur = A.De Pasquale.			
	RP-04 23/06/1999	1	. 0	. 0	<a href="#">get it</a>	remarks - this release:			
	RP-05 13/10/1999	2	. 0	. 0	<a href="#">get it</a>				
	RP-06 12/12/1999	2	. 1	. 1	<a href="#">get it</a>				
	RP-07 15/03/2000	2	. 1	. 3	<a href="#">get it</a>				
	RP-09 26/10/2000	2	. 3	. 0	<a href="#">get it</a>				
	RP-11 10/04/2001	3	. 0	. 0	<a href="#">get it</a>				
	RP-12 03/07/2001	3	. 1	. 0	<a href="#">get it</a>				
	RP-14 14/01/2002	3	. 2	. 0	<a href="#">get it</a>				
	RP-16 03/07/2002	3	. 3	. 0	<a href="#">get it</a>				

---

<b>TR 25.944</b>	<b>Channel coding and multiplexing examples</b>								
R99	current version: 3.5.0			WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation			
	freeze_meeting: SP-07			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version,								
	editor's draft 25/11/1999	0	. 0	. 1	<a href="#">get it</a>	remarks - general: Created Jan 2000 (aka R1.04)			
	R1-09 15/12/1999	1	. 0	. 0	<a href="#">get it</a>	remarks - this release:			
	RP-07 16/03/2000	3	. 0	. 0	<a href="#">get it</a>				
	RP-08 23/06/2000	3	. 1	. 0	<a href="#">get it</a>				
	RP-09 18/10/2000	3	. 2	. 0	<a href="#">get it</a>				
	RP-10 22/12/2000	3	. 3	. 0	<a href="#">get it</a>				
	RP-11 06/04/2001	3	. 4	. 0	<a href="#">get it</a>				
	edito 10/04/2001	3	. 4	. 1	<a href="#">get it</a>				
	RP-12 28/06/2001	3	. 5	. 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 425

02 December 2002 20:52:19

Server ACTIVE specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.993 Typical examples of RABs and RBs supported by UTRA

R99 *current version: none*  
*freeze\_meeting: freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)  
*G:* U: yes *MCC:* ARZELIER, Claude

*remarks - general:*  
*remarks - this release:* Pointer to latest release version.

R99 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.071 AMR speech Codec; General description

R99 *current version: 3.0.1*  
*freeze\_meeting: SP-04*  
*history (event, available, version,*

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* USAI, Paolino

SP-03 26/04/1999 1 . 0 . 0  
SP-04 23/06/1999 3 . 0 . 0  
SP-05 13/10/1999 3 . 0 . 1

[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:* .  
[get it](#)

## TS 26.073 AMR speech Codec; C-source code

R99 *current version: 3.3.0*  
*freeze\_meeting: SP-06*  
*history (event, available, version,*

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* USAI, Paolino

SP-04 23/06/1999 0 . 1 . 0  
SP-03 23/04/1999 0 . 1 . 0  
SP-05 13/10/1999 1 . 0 . 0  
SP-06 17/12/1999 3 . 0 . 0  
SP-07 15/03/2000 3 . 1 . 0  
SP-11 10/04/2001 3 . 2 . 0  
SP-14 09/01/2002 3 . 3 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 426

02 December 2002 20:52:19

Server ACTIVE specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
SP-03 23/04/1999 0 . 0 . 0  
SP-04 23/06/1999 1 . 0 . 0  
SP-05 13/10/1999 2 . 0 . 0  
SP-06 17/12/1999 3 . 0 . 0  
Test sequences 02/02/2000 3 . 0 . 1  
available  
Test sequences 14/09/2000 3 . 0 . 2  
corrected  
SP-11 10/04/2001 3 . 1 . 0  
corrected test 04/07/2001 3 . 1 . 1

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0  
SP-04 23/06/1999 3 . 0 . 0  
SP-05 13/10/1999 3 . 0 . 1  
SP-06 17/12/1999 3 . 1 . 0

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4

[get it](#) *remarks - this release:* .

[get it](#)

[get it](#)

## TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-04  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0  
SP-04 23/06/1999 3 . 0 . 0  
SP-05 13/10/1999 3 . 0 . 1  
SP-06 17/12/1999 3 . 1 . 0

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik  
*G: yes U: yes* *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Transfer>TSG#4

[get it](#) *remarks - this release:* .

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 427

02 December 2002 20:52:20

Server ACTIVE specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.092 AMR speech Codec; comfort noise for AMR Speech Traffic Channels**  
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .  
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

---

**TS 26.093 AMR speech Codec; Source Controlled Rate operation**  
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*  
SP-05 13/10/1999 3 . 0 . 1 [get it](#)  
SP-06 17/12/1999 3 . 1 . 0 [get it](#)  
SP-08 28/06/2000 3 . 2 . 0 [get it](#)  
SP-10 21/12/2000 3 . 3 . 0 [get it](#)

---

**TS 26.094 AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels**  
R99 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-04 23/06/1999 0 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
SP-03 26/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:* .  
SP-05 13/10/1999 3 . 0 . 0 [get it](#)

---

**TS 26.101 Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure**  
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* U: yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
SP-04 23/06/1999 1 . 2 . 0 [get it](#) *remarks - this release:*  
SP-05 13/10/1999 1 . 4 . 0 [get it](#)  
SP-06 17/12/1999 3 . 0 . 0 [get it](#)  
SP-07 15/03/2000 3 . 1 . 0 [get it](#)  
SP-12 01/08/2001 3 . 2 . 0 [get it](#)  
SP-15 28/03/2002 3 . 3 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 428

02 December 2002 20:52:20

Server ACTIVE specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.102</b>	<b>AMR speech Codec; Interface to lu and Uu</b>					
R99	current version: 3.3.0		WG (prime / other): S4 / -	rapporteur: NAVARRO, William		NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-06		G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,					
	SP-03 26/04/1999	0 . 2 . 0		<a href="#">get it</a>	remarks - general:	
	SP-06 17/12/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
	SP-07 15/03/2000	3 . 1 . 0		<a href="#">get it</a>		
	SP-10 12/12/2000	3 . 2 . 0		<a href="#">get it</a>		
	SP-11 10/04/2001	3 . 3 . 0		<a href="#">get it</a>		

---

<b>TS 26.103</b>	<b>Speech codec list for GSM and UMTS</b>					
R99	current version: 3.2.0		WG (prime / other): S4 / -	rapporteur: HELLWIG, Karl		Telefon AB LM Ericsson
	freeze_meeting: SP-06		G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,					
	SP-06 17/12/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - general: New after TSG#5	
	SP-14 09/01/2002	3 . 1 . 0		<a href="#">get it</a>	remarks - this release: .	
	SP-16 28/06/2002	3 . 2 . 0		<a href="#">get it</a>		

---

<b>TS 26.104</b>	<b>ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec</b>					
R99	current version: 3.4.0		WG (prime / other): S4 / -	rapporteur: USAI, Paolino		Telecom Italia Lab S.p.A.
	freeze_meeting: SP-07		G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,					
	SP-06 17/12/1999	0 . 1 . 0		<a href="#">get it</a>	remarks - general:	
	SP-07 15/03/2000	0 . 3 . 0	SP-000022	<a href="#">get it</a>	remarks - this release:	
	SP-08 28/06/2000	3 . 0 . 0		<a href="#">get it</a>		
	SP-10 21/12/2000	3 . 1 . 0		<a href="#">get it</a>		
	SP-12 27/06/2001	3 . 2 . 0		<a href="#">get it</a>		
	bug fix 29/06/2001	3 . 2 . 1		<a href="#">get it</a>		
	SP-13 02/10/2001	3 . 3 . 0		<a href="#">get it</a>		
	SP-15 28/03/2002	3 . 4 . 0		<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 429

02 December 2002 20:52:20

Server ACTIVE specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.110</b>	<b>Codec for circuit switched multimedia telephony service; General description</b>					
R99	current version: 3.1.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-03 26/04/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	SP-04 23/06/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
	SP-05 13/10/1999	3 . 0 . 1		<a href="#">get it</a>		
	SP-11 04/07/2001	3 . 1 . 0		<a href="#">get it</a>		
<hr/>						
<b>TS 26.111</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324</b>					
R99	current version: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-03 26/04/1999	1 . 0 . 0		<a href="#">get it</a>	remarks - general: CR at TSG#5	
	SP-04 23/06/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
	SP-05 13/10/1999	3 . 0 . 2		<a href="#">get it</a>		
	SP-06 15/12/1999	3 . 1 . 0		<a href="#">get it</a>		
	SP-08 28/06/2000	3 . 2 . 0		<a href="#">get it</a>		
	SP-09 10/10/2000	3 . 3 . 0		<a href="#">get it</a>		
	SP-10 21/12/2000	3 . 4 . 0		<a href="#">get it</a>		
<hr/>						
<b>TS 26.131</b>	<b>Terminal acoustic characteristics for telephony; Requirements</b>					
R99	current version: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	GOETZ, Ian	TELLABS OPERATIONS INC.
	freeze_meeting: SP-06	G:	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-05 13/10/1999	0 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	SP-06 17/12/1999	3 . 0 . 0		<a href="#">get it</a>	remarks - this release:	
	SP-08 28/06/2000	3 . 1 . 0		<a href="#">get it</a>		
	SP-11 10/04/2001	3 . 2 . 0		<a href="#">get it</a>		
	SP-13 02/10/2001	3 . 3 . 0		<a href="#">get it</a>		
	SP-17 24/09/2002	3 . 4 . 0		<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 430

02 December 2002 20:52:21

Server ACTIVE specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.132</b>	<b>Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification</b>				
R99	current version: 3.5.0	WG (prime / other): S4 / -	rapporteur: GOETZ, Ian	TELLABS OPERATIONS INC.	
	freeze_meeting: SP-08	G: U: yes	MCC: USAI, Paolino		
history (event, available, version,					
SP-05	13/10/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	
draft		0 . 0 . 1		remarks - this release:	
SP-08		1 . 0 . 0			
SP-08	28/06/2000	3 . 0 . 0	<a href="#">get it</a>		
SP-09	10/10/2000	3 . 1 . 0	<a href="#">get it</a>		
SP-11	10/04/2001	3 . 2 . 0	<a href="#">get it</a>		
SP-13	02/10/2001	3 . 3 . 0	<a href="#">get it</a>		
SP-15	28/03/2002	3 . 4 . 0	<a href="#">get it</a>		
SP-17	24/09/2002	3 . 5 . 0	<a href="#">get it</a>		
<hr/>					
<b>TR 26.911</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide</b>				
R99	current version: 3.3.0	WG (prime / other): S4 / -	rapporteur: HAAVISTO, Petri	Nokia Research Center	
	freeze_meeting: SP-04	G: yes U: yes	MCC: USAI, Paolino		
history (event, available, version,					
SP-03	26/04/1999	1 . 0 . 0	<a href="#">get it</a>	remarks - general:	
SP-04	23/06/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - this release:	
SP-05	13/10/1999	3 . 0 . 2	<a href="#">get it</a>		
decision to revise	30/10/1999	3 . 1 . 0	<a href="#">get it</a>		
version number					
SP-06	17/12/1999	3 . 2 . 0	<a href="#">get it</a>		
edito	10/10/2000	3 . 2 . 1	<a href="#">get it</a>		
SP-10	21/12/2000	3 . 3 . 0	<a href="#">get it</a>		
<hr/>					
<b>TR 26.912</b>	<b>Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G</b>				
R99	current version: 3.0.0	WG (prime / other): S4 / -	rapporteur: FRANCESCHI, Olle	Nippon Ericsson K.K.	
	freeze_meeting: SP-07	G: U: yes	MCC: USAI, Paolino		
history (event, available, version,					
SP-03	26/04/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general:	
SP-04	23/06/1999	1 . 0 . 0	<a href="#">get it</a>	remarks - this release:	
SP-07	15/03/2000	3 . 0 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 431

02 December 2002 20:52:21

Server ACTIVE specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.915 Echo Control For Speech and Multi-Media Services

R99 *current version:* 3.0.0  
*freeze\_meeting:* SP-07  
*history (event, available, version,*  
Creation of WI by 02/02/2000 0 . 0 . 1  
WG/TB  
SP-07 17/03/2000 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.  
[get it](#) *remarks - this release:* No Rel-4 version. Became 26.115.

## TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.1.0  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-06 17/12/1999 1 . 0 . 0  
SP-07 17/03/2000 1 . 1 . 0  
SP-11 31/03/2001 3 . 0 . 0  
SP-13 05/10/2001 3 . 1 . 0

*WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.  
[get it](#) *remarks - this release:* was 26.075;  
[get it](#)  
[get it](#)

R99

27 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 3.11.0  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0  
NP-05 13/10/1999 3 . 2 . 0  
NP-06 17/12/1999 3 . 3 . 0  
NP-07 15/03/2000 3 . 4 . 0  
NP-08 23/06/2000 3 . 5 . 0  
NP-09 23/10/2000 3 . 6 . 0  
NP-10 04/01/2001 3 . 7 . 0  
NP-11 05/04/2001 3 . 8 . 0  
NP-12 04/07/2001 3 . 9 . 0  
NP-13 10/10/2001 3 . 10 . 0  
NP-17 17/09/2002 3 . 11 . 0

*WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*G:* yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 432

02 December 2002 20:52:21

Server ACTIVE specs R99 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

## TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-05	13/10/1999	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
NP-06	17/12/1999	3	.	2	.	0	<a href="#">get it</a>
NP-07	15/03/2000	3	.	3	.	0	<a href="#">get it</a>
NP-08	23/06/2000	3	.	4	.	0	<a href="#">get it</a>
NP-09	12/10/2000	3	.	5	.	0	<a href="#">get it</a>

---

## TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

*history (event, available, version,*

NP-03	23/04/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
NP-04	23/06/1999	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
NP-06	17/12/1999	3	.	2	.	0	<a href="#">get it</a>
NP-07	15/03/2000	3	.	3	.	0	<a href="#">get it</a>
NP-08	23/06/2000	3	.	4	.	0	<a href="#">get it</a>
NP-09	12/10/2000	3	.	5	.	0	<a href="#">get it</a>

---

## TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE/DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

R99 *current version:* 3.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* SP-04 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

TP-03	28/04/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
TP-04	18/06/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i> .
TP-06	17/12/1999	3	.	1	.	0	<a href="#">get it</a>
TP-16	25/06/2002	3	.	2	.	0	<a href="#">get it</a>

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 433

02 December 2002 20:52:22

Server ACTIVE specs R99 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

## TS 27.007 AT command set for 3G User Equipment (UE)

R99 current version: 3.11.0

freeze\_meeting: SP-04

WG (prime / other): T2 / - rapporteur: TOMÉ, Olga Telefon AB LM Ericsson

G: yes U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
TP-08	23/06/2000	3	.	5	.	0
TP-09	11/10/2000	3	.	6	.	0
TP-10	04/01/2001	3	.	7	.	0
TP-11	06/04/2001	3	.	8	.	0
TP-12	04/07/2001	3	.	9	.	0
TP-14	11/01/2002	3	.	10	.	0
TP-15	29/03/2002	3	.	11	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 current version: 3.4.0

freeze\_meeting: SP-04

WG (prime / other): T2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute

G: yes U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-07	15/03/2000	3	.	3	.	0
TP-15	25/03/2002	3	.	4	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 434

02 December 2002 20:52:22

Server ACTIVE specs R99 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

<b>TS 27.060</b>	<b>Packet domain; Mobile Station (MS) supporting Packet Switched services</b>								
R99	current version: 3.7.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd			
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	NP-03 23/04/1999	3	. 0	. 0	<a href="#">get it</a>	remarks - general:	GPRS		
	NP-04 23/06/1999	3	. 1	. 0	<a href="#">get it</a>	remarks - this release:			
	NP-05 13/10/1999	3	. 2	. 0	<a href="#">get it</a>				
	NP-06 17/12/1999	3	. 3	. 0	<a href="#">get it</a>				
	NP-07 15/03/2000	3	. 4	. 0	<a href="#">get it</a>				
	NP-11 06/04/2001	3	. 5	. 0	<a href="#">get it</a>				
	NP-16 24/06/2002	3	. 6	. 0	<a href="#">get it</a>				
	NP-17 17/09/2002	3	. 7	. 0	<a href="#">get it</a>				
<hr/>									
<b>TS 27.103</b>	<b>Wide Area Network Synchronization</b>								
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	CHAU, Alan	NOKIA UK Ltd			
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-05 08/10/1999	3	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	TP-09 16/10/2000	3	. 1	. 0	<a href="#">get it</a>	remarks - this release:	TSG#8:3.1.0 but this CR not impementable.		
<hr/>									
<b>TR 27.901</b>	<b>Report on Terminal Interfaces - An Overview</b>								
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	freeze_meeting: SP-06	G:	U: yes	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-03 23/04/1999	0	. 0	. 1	<a href="#">get it</a>	remarks - general:			
	TP-04 18/06/1999	1	. 0	. 0	<a href="#">get it</a>	remarks - this release:	.		
	TP-05 08/10/1999	1	. 0	. 1	<a href="#">get it</a>				
	TP-06 completed 17/12/1999	3	. 0	. 0	<a href="#">get it</a>				
	TP-15 26/03/2002	3	. 1	. 0	<a href="#">get it</a>				
<hr/>									
<b>TR 27.903</b>	<b>Discussion of synchronization standards</b>								
R99	current version: 3.0.0	WG (prime / other):	T2 / -	rapporteur:	LOCKHART, Rob	Motorola Inc.			
	freeze_meeting: SP-05	G:	U: yes	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	TP-03 23/04/1999	0	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	TP-05 08/10/1999	3	. 0	. 0	<a href="#">get it</a>	remarks - this release:	.		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 435

02 December 2002 20:52:22

Server ACTIVE specs R99 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

R99 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.14.0  
freeze\_meeting: SP-03

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	
NP-04	23/06/1999	3	.	1	.	0	
NP-05	13/10/1999	3	.	2	.	0	
NP-06	17/12/1999	3	.	3	.	0	
edito	31/01/2000	3	.	3	.	1	
NP-07	15/03/2000	3	.	4	.	0	
NP-08	23/06/2000	3	.	5	.	0	
edito	04/08/2000	3	.	5	.	1	
edito	10/08/2000	3	.	5	.	2	
NP-09	26/10/2000	3	.	6	.	0	
NP-10	20/12/2000	3	.	7	.	0	
edito	02/01/2001	3	.	7	.	1	
edito to make	31/01/2001	3	.	7	.	2	
figures legible							
NP-11	06/04/2001	3	.	8	.	0	
NP-12	06/07/2001	3	.	9	.	0	
NP-13	03/10/2001	3	.	10	.	0	
NP-14	18/01/2002	3	.	11	.	0	
NP-15	04/04/2002	3	.	12	.	0	
NP-16	21/06/2002	3	.	13	.	0	
NP-17	24/09/2002	3	.	14	.	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](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 436

02 December 2002 20:52:23

Server ACTIVE specs R99 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

R99 current version: 3.10.0 WG (prime / other): N3 / - rapporteur: KLEHN, Norbert SIEMENS AG  
freeze\_meeting: SP-03 G: yes U: yes MCC: BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
post-SP-04	27/05/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	12/10/2000	3	.	6	.	0
NP-10	22/12/2000	3	.	7	.	0
NP-11	29/03/2001	3	.	8	.	0
NP-14	11/01/2002	3	.	9	.	0
NP-16	24/06/2002	3	.	10	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

R99 current version: Procedures and the Mobile Application Part (MAP) 3.9.0 WG (prime / other): N4 /- rapporteur: KYMALAINEN, Kimmo  
SONERA Corporation

freeze\_meeting: SP-05

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	0	.	0	.	0
NP-05	13/10/1999	3	.	0	.	0
NP-06	15/12/1999	3	.	1	.	0
NP-07	15/03/2000	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0
NP-10	21/12/2000	3	.	4	.	0
NP-11	30/03/2001	3	.	5	.	0
NP-12	04/07/2001	3	.	6	.	0
NP-14	11/01/2002	3	.	7	.	0
NP-16	21/06/2002	3	.	8	.	0
NP-17	18/09/2002	3	.	9	.	0

[get it](#) remarks - general: Transfer>TSG#4 (transfer??)  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 437

02 December 2002 20:52:23

Server ACTIVE specs R99 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.011 Signalling Interworking for Supplementary Services

R99 current version: 3.0.0  
freeze\_meeting: SP-03  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: .

## TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R99 current version: 3.0.0  
freeze\_meeting: SP-05  
history (event, available, version,  
NP-04 23/06/1999 3 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: Transfer>TSG#4  
remarks - this release: .

## TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

R99 current version: 3.1.0  
freeze\_meeting: SP-03  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0  
NP-09 06/10/2000 3 . 1 . 0

WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
G: yes U: yes MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 current version: 3.10.0  
freeze\_meeting: SP-03  
history (event, available, version,  
NP-03 23/04/1999 3 . 0 . 0  
NP-04 23/06/1999 3 . 1 . 0  
NP-05 13/10/1999 3 . 2 . 0  
NP-07 15/03/2000 3 . 3 . 0  
NP-09 23/10/2000 3 . 4 . 0  
edito 31/10/2000 3 . 4 . 1  
NP-10 02/01/2001 3 . 5 . 0  
NP-11 06/04/2001 3 . 6 . 0  
NP-13 03/10/2001 3 . 7 . 0  
NP-14 04/01/2002 3 . 8 . 0  
NP-15 21/03/2002 3 . 9 . 0  
NP-16 26/06/2002 3 . 10 . 0

WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc  
G: yes U: yes MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 438

02 December 2002 20:52:23

Server ACTIVE specs R99 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TS 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

R99 current version: 3.14.0 WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation  
freeze\_meeting: SP-03 G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-10	28/09/2000	3	.	6	.	0
NP-10	21/12/2000	3	.	7	.	0
NP-11	30/03/2001	3	.	8	.	0
NP-12	04/07/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	11/01/2002	3	.	11	.	0
NP-15	28/03/2002	3	.	12	.	0
NP-16	21/06/2002	3	.	13	.	0
NP-17	18/09/2002	3	.	14	.	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](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)

R99 current version: 3.10.0 WG (prime / other): N3 / - rapporteur: WILD, Johanna MOTOROLA Ltd  
freeze\_meeting: SP-03 G: yes U: yes MCC: BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-09	12/10/2000	3	.	4	.	0
NP-11	06/04/2001	3	.	5	.	0
NP-12	28/06/2001	3	.	6	.	0
NP-13	12/10/2001	3	.	7	.	0
NP-14	14/01/2002	3	.	8	.	0
NP-15	20/03/2002	3	.	9	.	0
NP-16	03/07/2002	3	.	10	.	0

[get it](#) remarks - general: Former title: "General Packet Radio Service (GPRS); Interworking between the  
[get it](#) remarks - this release: Public Land Mobile Network (PLMN) supporting GPRS and Packet".  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 439

02 December 2002 20:52:24

Server ACTIVE specs R99 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.078</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification</b>				
R99	<i>current version:</i> 3.13.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Transfer>TSG#4
	NP-04 30/06/1999	3 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	Phase 3
	NP-06 17/12/1999	3 . 2 . 0	<a href="#">get it</a>		
	NP-07 15/03/2000	3 . 3 . 0	<a href="#">get it</a>		
	NP-08 23/06/2000	3 . 4 . 0	<a href="#">get it</a>		
	Editorial 23/06/2000	3 . 4 . 1	<a href="#">get it</a>		
	NP-09 10/10/2000	3 . 5 . 0	<a href="#">get it</a>		
	NP-10 05/01/2001	3 . 6 . 0	<a href="#">get it</a>		
	NP-11 29/03/2001	3 . 7 . 0	<a href="#">get it</a>		
	NP-12 03/07/2001	3 . 8 . 0	<a href="#">get it</a>		
	NP-13 03/10/2001	3 . 9 . 0	<a href="#">get it</a>		
	NP-14 04/01/2002	3 . 10 . 0	<a href="#">get it</a>		
	NP-15 19/03/2002	3 . 11 . 0	<a href="#">get it</a>		
	NP-16 17/06/2002	3 . 12 . 0	<a href="#">get it</a>		
	NP-17 17/09/2002	3 . 13 . 0	<a href="#">get it</a>		

---

<b>TS 29.108</b>	<b>Application of the Radio Access Network Application Part (RANAP) on the E-interface</b>				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>				
	RP-08	2 . 0 . 0		<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)
	RP-08 30/06/2000	3 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	RP-10 20/12/2000	3 . 1 . 0	<a href="#">get it</a>		
	RP-13 12/10/2001	3 . 2 . 0	<a href="#">get it</a>		

---

<b>TS 29.119</b>	<b>GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)</b>				
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> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-04 27/05/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	New after TSG#5
	NP-06 15/12/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-07 15/03/2000	3 . 0 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 440

02 December 2002 20:52:24

Server ACTIVE specs R99 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.120</b>	<b>Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3</b>					
R99	current version: 3.1.0	WG (prime / other): N4 / -	rapporteur: MITAMURA, Kazuo	NTT COMWARE Corporation		
	freeze_meeting: SP-07	G: U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	NP-04 27/05/1999 0 . 0 . 0	<a href="#">get it</a>	remarks - general: New after TSG#5			
	NP-06 15/12/1999 1 . 0 . 0	<a href="#">get it</a>	remarks - this release:			
	NP-07 15/03/2000 3 . 0 . 0	<a href="#">get it</a>				
	NP-09 25/10/2000 3 . 1 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 29.198</b>	<b>Open Service Architecture (OSI) Application Programming Interface (API) - Part 1</b>					
R99	current version: 3.4.0	WG (prime / other): N5 / -	rapporteur: MOERDIJK, Ard-Jan	Telefon AB LM Ericsson		
	freeze_meeting: SP-08	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	NP-07 13/03/2000 1 . 0 . 0	<a href="#">get it</a>	remarks - general: OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.			
	NP-08 23/06/2000 3 . 0 . 0	<a href="#">get it</a>	remarks - this release:			
	NP-09 09/10/2000 3 . 1 . 0	<a href="#">get it</a>				
	NP-10 03/01/2001 3 . 2 . 0	<a href="#">get it</a>				
	NP-11 28/03/2001 3 . 3 . 0	<a href="#">get it</a>				
	NP-12 29/06/2001 3 . 4 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 29.993</b>	<b>Modifications to be incorporated in equipment to cater for errors in the standards</b>					
R99	current version: none	WG (prime / other): RP / -	rapporteur: COURAU, François	ALCATEL S.A.		
	freeze_meeting:	G: yes U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version,					
			remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TR 29.994</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults</b>					
R99	current version: 3.0.0	WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:		Peter Skov			
	history (event, available, version,	G: yes U: yes	MCC: JORGENSEN, Per Johan			
	NP-16 26/06/2002 3 . 0 . 0	<a href="#">get it</a>	remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to			
			remarks - this release: . latest Release version.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 441

02 December 2002 20:52:24

Server ACTIVE specs R99 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

## TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0

*freeze\_meeting:* SP-08

*history (event, available, version,*

NP-07	13/03/2000	1	.	0	.	0
NP-08	23/06/2000	3	.	0	.	0
NP-09	08/10/2000	3	.	1	.	0
NP-10	03/01/2001	3	.	2	.	0

*WG (prime / other):* N5 / - *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* OSA subgroup  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

---

R99

30 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

# 3GPP specification status

Page 442

02 December 2002 20:52:25

Server ACTIVE specs R99 30 .- series  
[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

## TR 30.531 Work Plan and Study Items- RAN WG3

R99 current version: 0.9.3 DRAFT  
freeze\_meeting: SP-06  
history (event, available, version,  
draft 15/02/1999 0 . 0 . 1  
draft 15/03/1999 0 . 0 . 2  
draft 15/04/1999 0 . 0 . 3  
RP-03 23/04/1999 0 . 1 . 0  
draft 15/05/1999 0 . 1 . 1  
RP-04 23/06/1999 0 . 1 . 2  
RP-05 13/10/1999 0 . 3 . 1  
draft 30/10/1999 0 . 3 . 2  
draft 15/11/1999 0 . 4 . 0  
draft 30/11/1999 0 . 4 . 1  
RP-06 12/12/1999 0 . 5 . 0  
draft 15/01/2000 0 . 5 . 1  
draft 15/02/2000 0 . 6 . 0  
draft 20/02/2000 0 . 6 . 1  
RP-07 15/03/2000 0 . 7 . 0 RP-000142  
draft 30/03/2000 0 . 7 . 1  
RP-08 23/06/2000 0 . 8 . 0  
RP-09 15/08/2000 0 . 8 . 1  
RP-09 03/10/2000 0 . 8 . 2  
RP-10 0 . 8 . 5 RP-000688  
draft 21/12/2000 0 . 8 . 6  
RP-11 27/03/2001 0 . 8 . 8  
RP-12 05/07/2001 0 . 9 . 0 RP-010388  
RP-13 01/10/2001 0 . 9 . 2 RP-010604  
draft 23/11/2001 0 . 9 . 3 R3-013076

WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn  
G: U: yes MCC: KRAUSE, Joern

MOTOROLA Ltd

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R99

31 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 443

02 December 2002 20:52:25

Server ACTIVE specs R99 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](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: DIETZE, Claus

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0  
TP-04 23/06/1999 0 . 5 . 0

[get it](#) remarks - general: Contents is a reference to ETSI TR 102 221.  
[get it](#) remarks - this release: TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.

TP-05 08/10/1999 1 . 0 . 0  
TP-06 17/12/1999 3 . 0 . 0  
TP-07 15/03/2000 3 . 1 . 0 completion target  
TP-08 06/02/2000 3 . 2 . 0  
TP-09 18/10/2000 3 . 3 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 31.102 Characteristics of the USIM Application

R99 current version: 3.10.0  
freeze\_meeting: SP-06  
WG (prime / other): T3 / - rapporteur: HEIM, Christian GIESECKE & DEVRIENT GmbH  
G: U: yes MCC: DIETZE, Claus

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0  
TP-04 23/06/1999 0 . 5 . 0  
TP-05 08/10/1999 1 . 0 . 0  
TP-06 17/12/1999 3 . 0 . 0  
TP-07 completion 15/03/2000 3 . 1 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)

target  
TP-08 23/06/2000 3 . 2 . 0  
TP-09 18/10/2000 3 . 3 . 0  
TP-10 05/01/2001 3 . 4 . 0  
TP-11 09/04/2001 3 . 5 . 0  
TP-12 06/07/2001 3 . 6 . 0  
TP-13 11/10/2001 3 . 7 . 0  
TP-14 17/01/2002 3 . 8 . 0  
TP-16 28/06/2002 3 . 9 . 0  
TP-17 25/09/2002 3 . 10 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 444

02 December 2002 20:52:25

Server ACTIVE specs R99 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0 *freeze\_meeting:* SP-06  
*history (event, available, version,*  
E-mailed to SPT 15/11/1999 1 . 0 . 0  
for information  
TP-06 17/12/1999 3 . 0 . 0  
TP-07 completion 15/03/2000 3 . 1 . 0  
target  
TP-09 18/10/2000 3 . 2 . 0

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May  
*remarks - this release:* 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS  
101 220.  
[get it](#)  
[get it](#)  
[get it](#)

## TS 31.111 USIM Application Toolkit (USAT)

R99 *current version:* 3.8.0 *freeze\_meeting:* SP-07  
*history (event, available, version,*  
TP-06 17/12/1999 1 . 0 . 0  
TP-07 15/03/2000 3 . 0 . 0  
TP-08 23/06/2000 3 . 1 . 0  
TP-09 18/10/2000 3 . 2 . 0  
TP-10 05/01/2001 3 . 3 . 0  
TP-11 09/04/2001 3 . 4 . 0  
TP-12 06/07/2001 3 . 5 . 0  
TP-13 12/10/2001 3 . 6 . 0  
TP-14 16/01/2002 3 . 7 . 0  
TP-16 28/06/2002 3 . 8 . 0

WG (prime / other): T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new  
One  
G: yes U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.  
*remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

R99 *current version:* 3.0.0 *freeze\_meeting:* SP-08  
*history (event, available, version,*  
TP-09 18/10/2000 1 . 0 . 0  
TP-10 05/01/2001 3 . 0 . 0

WG (prime / other): T3 / - *rapporteur:* MAESER, Torsten ORGA Kartensysteme GmbH  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP  
*remarks - this release:* TP-11:moved to ETSI-SCP. TP-12: reinstated.  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 445

02 December 2002 20:52:26

Server ACTIVE specs R99 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.121 UICC-terminal interface; USIM application test specification

R99 *current version:* 3.3.0  
*freeze\_meeting:* SP-08  
*history (event, available, version,*

TP-09	18/10/2000	1	.	0	.	0
TP-10	05/01/2001	3	.	0	.	0
TP-12	06/07/2001	3	.	1	.	0
TP-16	19/06/2002	3	.	2	.	0
TP-17	18/09/2002	3	.	3	.	0

*)*

WG (prime / other): T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

## TS 31.122 USIM conformance test specification

R99 *current version:* 3.4.0  
*freeze\_meeting:* SP-08  
*history (event, available, version,*

TP-09	18/10/2000	1	.	0	.	0
TP-10		2	.	0	.	0
TP-10	05/01/2001	3	.	0	.	0
TP-14	17/01/2002	3	.	1	.	0
TP-15	28/03/2002	3	.	2	.	0
TP-16	19/06/2002	3	.	3	.	0
TP-17	18/09/2002	3	.	4	.	0

*)*

WG (prime / other): T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd  
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* based on R99 core spec; was originally 31.121 but renumbered which 31.120 was  
*remarks - this release:* split into two parts  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

R99

32 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 446

02 December 2002 20:52:26

Server ACTIVE specs R99 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.005</b>	<b>Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain</b>					
R99	<i>current version:</i> 3.6.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-06 17/12/1999	3	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>
	SP-08 23/06/2000	3	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i>
	correct 10/10/2000	3	. 2	. 0	<a href="#">get it</a>	
	implementation of					
	previous CR					
	SP-10 21/12/2000	3	. 3	. 0	<a href="#">get it</a>	
	edito 22/01/2001	3	. 3	. 1	<a href="#">get it</a>	
	SP-11 05/04/2001	3	. 4	. 0	<a href="#">get it</a>	
	SP-13 05/10/2001	3	. 5	. 0	<a href="#">get it</a>	
	SP-15 26/03/2002	3	. 6	. 0	<a href="#">get it</a>	
<hr/>						
<b>TS 32.015</b>	<b>Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain</b>					
R99	<i>current version:</i> 3.9.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.
	<i>freeze_meeting:</i> SP-08			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
	SP-06 17/12/1999	3	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>
	SP-07 17/03/2000	3	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i>
	Editorial 17/03/2000	3	. 1	. 1	<a href="#">get it</a>	
	SP-08 23/06/2000	3	. 2	. 0	<a href="#">get it</a>	
	SP-09 10/10/2000	3	. 3	. 0	<a href="#">get it</a>	
	SP-10 21/12/2000	3	. 4	. 0	<a href="#">get it</a>	
	SP-11 05/04/2001	3	. 5	. 0	<a href="#">get it</a>	
	SP-12 03/07/2001	3	. 6	. 0	<a href="#">get it</a>	
	SP-13 05/10/2001	3	. 7	. 0	<a href="#">get it</a>	
	SP-14 11/01/2002	3	. 8	. 0	<a href="#">get it</a>	
	SP-15 26/03/2002	3	. 9	. 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 447

02 December 2002 20:52:26

Server ACTIVE specs R99 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.101 Telecommunication management; Principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

SP-03	26/04/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
SP-05	13/10/1999	1	.	2	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
SP-06	17/12/1999	3	.	0	.	0	<a href="#">get it</a>
SP-07	17/03/2000	3	.	1	.	0	<a href="#">get it</a>
Editorial	17/03/2000	3	.	1	.	1	<a href="#">get it</a>
SP-08	23/06/2000	3	.	2	.	0	<a href="#">get it</a>
SP-10	21/12/2000	3	.	3	.	0	<a href="#">get it</a>
SP-11	05/10/2001	3	.	4	.	0	<a href="#">get it</a>

---

## TS 32.102 Telecommunication management; Architecture

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

Creation of WI by	26/04/1999	0	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
WG/TB							<i>remarks - this release:</i>
SP-03	26/04/1999	1	.	0	.	0	<a href="#">get it</a>
SP-05	13/10/1999	1	.	2	.	0	<a href="#">get it</a>
SP-06	17/12/1999	3	.	0	.	0	<a href="#">get it</a>
SP-07	17/03/2000	3	.	1	.	0	<a href="#">get it</a>
Editorial	17/03/2000	3	.	1	.	1	<a href="#">get it</a>
SP-08	23/06/2000	3	.	2	.	0	<a href="#">get it</a>

---

## TS 32.104 3G Performance Management

R99 *current version:* 3.5.0 *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

SP-05	13/10/1999	1	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
SP-06	17/12/1999	3	.	0	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
SP-07	17/03/2000	3	.	1	.	0	<a href="#">get it</a>
Editorial	17/03/2000	3	.	1	.	1	<a href="#">get it</a>
SP-08	23/06/2000	3	.	2	.	0	<a href="#">get it</a>
SP-09	10/10/2000	3	.	3	.	0	<a href="#">get it</a>
SP-10	21/12/2000	3	.	4	.	0	<a href="#">get it</a>
SP-14	11/01/2002	3	.	5	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 448

02 December 2002 20:52:27

Server ACTIVE specs R99 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## 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:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* SP-08: split into eight parts  
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:* SP-08: multipart split from parent 3.0.1  
SP-07 17/03/2000 3 . 0 . 0 [get it](#)  
Editorial 17/03/2000 3 . 0 . 1 [get it](#)  
SP-08 23/06/2000 3 . 1 . 0 split into parts [get it](#)

---

## TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#) *remarks - general:* TSG#8: split into eight parts  
parts *remarks - this release:* TSG#8: multipart split from parent 3.0.1  
SP-10 21/12/2000 3 . 2 . 0 [get it](#)  
SP-11 05/04/2001 3 . 3 . 0 [get it](#)

---

## TS 32.106-3 Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#) *remarks - general:* TSG#8: split into eight parts  
parts *remarks - this release:* TSG#8: multipart split from parent 3.0.1  
SP-10 21/12/2000 3 . 2 . 0 [get it](#)  
SP-11 05/04/2001 3 . 3 . 0 [get it](#)

---

## TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1

R99 *current version:* 3.2.1 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#) *remarks - general:* TSG#8: split into eight parts  
parts *remarks - this release:* TSG#8: multipart split from parent 3.0.1  
SP-14 11/01/2002 3 . 2 . 0 [get it](#)  
editorial after 18/09/2002 3 . 2 . 1 [get it](#)  
SP-17

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 449

02 December 2002 20:52:27

Server ACTIVE specs R99 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.106-5</b>	<b>Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including R99 current version: NRM) version 1</b>	3.2.0	WG (prime / other):	S5	/-	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	SP-10	G:	U: yes	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>							
	draft	10/10/2000	1	.	0	.	1	
	SP-10	21/12/2000	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> TSG#8: split into eight parts
	SP-11	05/04/2001	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
	SP-12	03/07/2001	3	.	2	.	0	<a href="#">get it</a>

---

<b>TS 32.106-6</b>	<b>Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1</b>	3.3.0	WG (prime / other):	S5	/-	rapporteur:	ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i>	SP-10	G:	U: yes	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>							
	draft	31/10/2000	0	.	1	.	0	
	SP-10	14/12/2000	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> TSG#8: split into eight parts
	SP-11	05/04/2001	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
	SP-12	04/07/2001	3	.	2	.	0	<a href="#">get it</a>
	SP-13	05/10/2001	3	.	3	.	0	<a href="#">get it</a>

---

<b>TS 32.106-7</b>	<b>Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1</b>	3.3.0	WG (prime / other):	S5	/-	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i>	SP-10	G:	U: yes	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>							
	draft	31/10/2000	0	.	1	.	0	
	SP-10	21/12/2000	3	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i> TSG#8: split into eight parts
	SP-11	05/04/2001	3	.	1	.	0	<a href="#">get it</a> <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
	SP-12	03/07/2001	3	.	2	.	0	<a href="#">get it</a>
	SP-14	11/01/2002	3	.	3	.	0	<a href="#">get it</a>

---

<b>TS 32.106-8</b>	<b>Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects</b>	3.2.0	WG (prime / other):	S5	/-	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	SP-07	G:	U: yes	MCC:	ZOICAS, Adrian		
	<i>history (event, available, version,</i>							
	SP-08: split into	23/06/2000	3	.	1	.	0	<a href="#">get it</a> <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	03/07/2001	3	.	2	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 450

02 December 2002 20:52:27

Server ACTIVE specs R99 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

SP-05	13/10/1999	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	<a href="#">get it</a>		
Editorial	17/03/2000	3	.	0	.	1	<a href="#">get it</a>		
SP-08: split into	23/06/2000	3	.	1	.	0	<a href="#">get it</a>		
parts									
SP-09	10/10/2000	3	.	2	.	0	<a href="#">get it</a>		

---

## TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

SP-05	13/10/1999	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
SP-07	17/03/2000	3	.	0	.	0	<a href="#">get it</a>		
Editorial	17/03/2000	3	.	0	.	1	<a href="#">get it</a>		
SP-08: split into	23/06/2000	3	.	1	.	0	<a href="#">get it</a>		
parts									
editorial	06/09/2000	3	.	1	.	1	<a href="#">get it</a>		
SP-09	10/10/2000	3	.	2	.	0	<a href="#">get it</a>		
SP-10	20/12/2000	3	.	3	.	0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 451

02 December 2002 20:52:28

Server ACTIVE specs R99 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

## TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rporteur:* TSE, Edwin Ericsson Incorporated  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

SP-05	13/10/1999	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	<a href="#">get it</a>	
Editorial	17/03/2000	3	.	0	.	1	<a href="#">get it</a>	
SP-08: split into	23/06/2000	3	.	1	.	0	<a href="#">get it</a>	
parts								
SP-09	10/10/2000	3	.	2	.	0	<a href="#">get it</a>	
SP-10	20/12/2000	3	.	3	.	0	<a href="#">get it</a>	
SP-11	05/04/2001	3	.	4	.	0	<a href="#">get it</a>	
SP-12	04/07/2001	3	.	5	.	0	<a href="#">get it</a>	
SP-14	11/01/2002	3	.	6	.	0	<a href="#">get it</a>	

---

## TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

*history (event, available, version,*

SP-05	13/10/1999	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	<a href="#">get it</a>	
Editorial	17/03/2000	3	.	0	.	1	<a href="#">get it</a>	
SP-08: split into	23/06/2000	3	.	1	.	0	<a href="#">get it</a>	
parts								
editorial	06/09/2000	3	.	1	.	1	<a href="#">get it</a>	
SP-14	11/01/2002	3	.	2	.	0	<a href="#">get it</a>	

---

R99

33 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 452

02 December 2002 20:52:28

Server ACTIVE specs R99 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.102 3G security; Security architecture

R99 current version: 3.12.0

freeze\_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV  
G: U: yes MCC: POPE, Maurice

history (event, available, version,

Table of Contents 04/03/1999 0 . 0 . 1  
and Scope

[get it](#) remarks - general:  
remarks - this release:

First complete 26/03/1999 1 . 0 . 0

[get it](#)

WG approval 26/03/1999 2 . 0 . 0

[get it](#)

SP-03 23/04/1999 3 . 0 . 0

[get it](#)

SP-04 23/06/1999 3 . 1 . 0

[get it](#)

SP-05 13/10/1999 3 . 2 . 0

[get it](#)

SP-06 17/12/1999 3 . 3 . 0

[get it](#)

SP-07 15/03/2000 3 . 4 . 0

[get it](#)

SP-08 23/06/2000 3 . 5 . 0

[get it](#)

SP-09 11/10/2000 3 . 6 . 0

[get it](#)

SP-10 22/12/2000 3 . 7 . 0

[get it](#)

SP-11 04/04/2001 3 . 8 . 0

[get it](#)

SP-12 04/07/2001 3 . 9 . 0

[get it](#)

SP-14 07/01/2002 3 . 10 . 0

[get it](#)

SP-15 26/03/2002 3 . 11 . 0

[get it](#)

SP-16 19/06/2002 3 . 12 . 0

[get it](#)

## TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze\_meeting: SP-05

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc  
G: U: yes MCC: POPE, Maurice

history (event, available, version,

SP-04 23/06/1999 1 . 0 . 0

[get it](#) remarks - general:

SP-05 13/10/1999 3 . 0 . 0

[get it](#) remarks - this release:

SP-06 17/12/1999 3 . 1 . 0

[get it](#)

SP-07 15/03/2000 3 . 2 . 0

[get it](#)

SP-08 23/06/2000 3 . 3 . 0

[get it](#)

SP-09 11/10/2000 3 . 4 . 0

[get it](#)

SP-11 30/03/2001 3 . 5 . 0

[get it](#)

SP-12 04/07/2001 3 . 6 . 0

[get it](#)

SP-13 03/10/2001 3 . 7 . 0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 453

02 December 2002 20:52:28

Server ACTIVE specs R99 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

## TS 33.105 Cryptographic Algorithm requirements

R99 current version: 3.8.0

freeze\_meeting: SP-04

history (event, available, version,

SP-04	23/06/1999	3	.	0	.	0
SP-05	13/10/1999	3	.	1	.	0
SP-06	17/12/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0
SP-08	23/06/2000	3	.	4	.	0
SP-09	11/10/2000	3	.	5	.	0
SP-10	22/12/2000	3	.	6	.	0
SP-11	30/03/2001	3	.	7	.	0
SP-12	04/07/2001	3	.	8	.	0

WG (prime / other): S3 / - rapporteur: CHIKAZAWA, Takeshi Mitsubishi Electric Corporation  
G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 33.106 Lawful interception requirements

R99 current version: 3.1.0

freeze\_meeting: SP-08

history (event, available, version,

SP-04	23/06/1999	3	.	0	.	0
SP-06	17/12/1999	3	.	1	.	0

WG (prime / other): S3 / - rapporteur: WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:  
[get it](#) remarks - this release: .

---

## TS 33.107 3G security; Lawful interception architecture and functions

R99 current version: 3.5.0

freeze\_meeting: SP-06

history (event, available, version,

SP-04	23/06/1999	3	.	0	.	0
SP-10	22/12/2000	3	.	1	.	0
SP-11	30/03/2001	3	.	2	.	0
SP-13	03/10/2001	3	.	3	.	0
SP-14	07/01/2002	3	.	4	.	0
SP-15	26/03/2002	3	.	5	.	0

WG (prime / other): S3 / - rapporteur: WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT  
G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 454

02 December 2002 20:52:29

Server ACTIVE specs R99 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

<b>TS 33.120</b>	<b>Security Objectives and Principles</b>					
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim		Indicate persons who left Company and wait for new One
	freeze_meeting: SP-03		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,		<a href="#">get it</a>	remarks - general:		
	Table of Contents 04/03/1999	0 . 0 . 1		remarks - this release: .		
	and Scope		<a href="#">get it</a>			
	First complete 26/03/1999	1 . 0 . 0	<a href="#">get it</a>			
	WG approval 26/03/1999	2 . 0 . 0	<a href="#">get it</a>			
	SP-03 23/04/1999	3 . 0 . 0	<a href="#">get it</a>			
<hr/>						
<b>TR 33.901</b>	<b>Criteria for cryptographic Algorithm design process</b>					
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: BLOM, Rolf		Telefon AB LM Ericsson
	freeze_meeting: SP-04		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,		<a href="#">get it</a>	remarks - general:		
	SP-03 23/04/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - this release: .		
	SP-04 23/06/1999	3 . 0 . 0				
<hr/>						
<b>TR 33.902</b>	<b>Formal Analysis of the 3G Authentication Protocol</b>					
R99	current version: 3.1.0		WG (prime / other): S3 / -	rapporteur: HORN, Guenther		SIEMENS AG
	freeze_meeting: SP-05		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,		<a href="#">get it</a>	remarks - general:		
	SP-05 13/10/1999	3 . 0 . 0	<a href="#">get it</a>	remarks - this release: .		
	SP-06 17/12/1999	3 . 1 . 0				
<hr/>						
<b>TR 33.908</b>	<b>3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms</b>					
R99	current version: 3.0.0		WG (prime / other): S3 / -	rapporteur: WALKER, Michael		VODAFONE Group Plc
	freeze_meeting: SP-07		G: U: yes	MCC: POPE, Maurice		
	history (event, available, version,		<a href="#">get it</a>	remarks - general: TSG#7: S3-000105=NP-000049		
	SP-07 17/03/2000	3 . 0 . 0 SP-000039		remarks - this release: Formerly 33.904.		

---

---

R99

34 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 455

02 December 2002 20:52:29

Server ACTIVE specs R99 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 *current version:* 3.9.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nuhman Anite Telecoms Ltd.  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*

Start of work		0	.	0	.	1				<i>remarks - general:</i>
TP-07	15/03/2000	1	.	0	.	0	TP-000032			<i>remarks - this release:</i> TSG#8:aprvl is controversial
editorial tidy up	23/03/2000	1	.	0	.	1		<a href="#">get it</a>		
TP-08		2	.	0	.	0		<a href="#">get it</a>		
TP-08	23/06/2000	3	.	0	.	0		<a href="#">get it</a>		
Editorial	23/06/2000	3	.	0	.	1		<a href="#">get it</a>		
TP-09	06/10/2000	3	.	1	.	0		<a href="#">get it</a>		
TP-10	09/01/2001	3	.	2	.	0		<a href="#">get it</a>		
TP-11	28/03/2001	3	.	3	.	0		<a href="#">get it</a>		
TP-12	27/06/2001	3	.	4	.	0		<a href="#">get it</a>		
TP-13	08/10/2001	3	.	5	.	0		<a href="#">get it</a>		
TP-14	09/01/2002	3	.	6	.	0		<a href="#">get it</a>		
TP-15	20/03/2002	3	.	7	.	0		<a href="#">get it</a>		
edito post	TP-15	26/03/2002	3	.	7	.	1	<a href="#">get it</a>		
TP-16	17/06/2002	3	.	8	.	0		<a href="#">get it</a>		
TP-17	10/09/2002	3	.	9	.	0		<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 456

02 December 2002 20:52:29

Server ACTIVE specs R99 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated  
*freeze\_meeting:* SP-08 *G:* U: yes *MCC:* ARZELIER, Claude

*history (event, available, version,*

RP-03	23/04/1999	0	.	0	.	0
RP-04	18/06/1999	0	.	2	.	0
RP-05	08/10/1999	1	.	0	.	0
RP-06	17/12/1999	1	.	0	.	3
next version	03/02/2000	1	.	1	.	0
RP-07	15/03/2000	1	.	2	.	0
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	20/12/2000	3	.	2	.	0
RP-11	27/03/2001	3	.	3	.	0
RP-12	19/06/2001	3	.	4	.	0
RP-15	19/03/2002	3	.	5	.	0
RP-16	17/06/2002	3	.	6	.	0
RP-17	18/09/2002	3	.	7	.	0

[get it](#)

*remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.  
*remarks - this release:* TSG#9: Stable, so txfered from T1 to R2.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 457

02 December 2002 20:52:29

Server ACTIVE specs R99 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

## TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.10.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* SALMERON, Lidia ADVANTEST Corporation

*history (event, available, version,*

TP-03	23/04/1999	0	.	0	.	0
TP-04	18/06/1999	1	.	0	.	1
TP-05	08/10/1999	1	.	2	.	0
TP-06	17/12/1999	1	.	5	.	0
TP-07	15/03/2000	2	.	0	.	0
TP-07	15/03/2000	3	.	0	.	0
Editorial	15/03/2000	3	.	0	.	1
TP-08	23/06/2000	3	.	1	.	0
TP-09	05/10/2000	3	.	2	.	0
TP-10	21/12/2000	3	.	3	.	0
TP-11	28/03/2001	3	.	4	.	0
TP-12	18/06/2001	3	.	5	.	0
TP-13	03/10/2001	3	.	6	.	0
TP-14	09/01/2002	3	.	7	.	0
TP-15	20/03/2002	3	.	8	.	0
TP-16	17/06/2002	3	.	9	.	0
TP-17	05/09/2002	3	.	10	.	0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[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

# 3GPP specification status

Page 458

02 December 2002 20:52:30

Server ACTIVE specs R99 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99	current version: 3.9.0	WG (prime / other): T1 / -	rapporteur: MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG
	freeze_meeting: SP-08	G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version,				
TP-04	18/06/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:
TP-05	08/10/1999	0 . 1 . 0	<a href="#">get it</a>	remarks - this release:
TP-06	17/12/1999	1 . 0 . 0	<a href="#">get it</a>	
TP-07	15/03/2000	1 . 2 . 0	<a href="#">get it</a>	
Editorial	15/03/2000	1 . 2 . 1	<a href="#">get it</a>	
TP-08		2 . 0 . 0		
TP-08	23/06/2000	3 . 0 . 0	<a href="#">get it</a>	
edito	28/08/2000	3 . 0 . 1	<a href="#">get it</a>	
TP-09	05/10/2000	3 . 1 . 0	<a href="#">get it</a>	
TP-10	21/12/2000	3 . 2 . 0	<a href="#">get it</a>	
TP-11	28/03/2001	3 . 3 . 0	<a href="#">get it</a>	
TP-12	18/06/2001	3 . 4 . 0	<a href="#">get it</a>	
TP-13	03/10/2001	3 . 5 . 0	<a href="#">get it</a>	
TP-14	09/01/2002	3 . 6 . 0	<a href="#">get it</a>	
TP-15	21/03/2002	3 . 7 . 0	<a href="#">get it</a>	
TP-16	17/06/2002	3 . 8 . 0	<a href="#">get it</a>	
TP-17	05/09/2002	3 . 9 . 0	<a href="#">get it</a>	

## TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99	current version: 3.5.0	WG (prime / other): T1 / -	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED
	freeze_meeting: SP-08	G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version,				
TP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:
TP-05	08/10/1999	0 . 0 . 4	<a href="#">get it</a>	remarks - this release:
TP-06	17/12/1999	1 . 0 . 0	<a href="#">get it</a>	
manicure	23/03/2000	1 . 0 . 1	<a href="#">get it</a>	
TP-08		2 . 0 . 0		
TP-08	23/06/2000	3 . 0 . 0	<a href="#">get it</a>	
TP-09	10/10/2000	3 . 1 . 0	<a href="#">get it</a>	
TP-10	09/01/2001	3 . 2 . 0	<a href="#">get it</a>	
TP-11	28/03/2001	3 . 3 . 0	<a href="#">get it</a>	
TP-12	28/06/2001	3 . 4 . 0	<a href="#">get it</a>	
TP-13	03/10/2001	3 . 5 . 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 459

02 December 2002 20:52:30

Server ACTIVE specs R99 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

## TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99	current version: 3.5.0		WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-10		G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version,					
TP-03	23/04/1999	0 . 0 . 1	<a href="#">get it</a>	remarks - general:	
TP-05	08/10/1999	0 . 0 . 6	<a href="#">get it</a>	remarks - this release: TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).	
TP-06	17/12/1999	1 . 0 . 0	<a href="#">get it</a>		
TP-07	15/03/2000	1 . 0 . 1	<a href="#">get it</a>		
TP-09	22/09/2000	2 . 0 . 0	<a href="#">get it</a>		
TP-09	06/10/2000	3 . 1 . 0	<a href="#">get it</a>		
TP-10	09/01/2001	3 . 2 . 0	<a href="#">get it</a>		
TP-11	28/03/2001	3 . 3 . 0	<a href="#">get it</a>		
TP-12	28/06/2001	3 . 4 . 0	<a href="#">get it</a>		
TP-13	04/10/2001	3 . 5 . 0	<a href="#">get it</a>		

## TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites(ATSS)

R99	current version: 1.0.5	DRAFT	WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-13		G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version,					
TP-03	23/04/1999	0 . 0 . 0	<a href="#">get it</a>	remarks - general:	
Start work if STF		0 . 0 . 1		remarks - this release:	
fund +T2 input					
avail.					
TP-11	28/03/2001	1 . 0 . 0	<a href="#">get it</a>		
TP-12	28/06/2001	1 . 0 . 3	<a href="#">get it</a>		TP-010124
draft	11/10/2001	1 . 0 . 5	<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 460

02 December 2002 20:52:30

Server ACTIVE specs R99 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

## TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

R99 *current version:* 3.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*

TP-03	23/04/1999	0	. 0	. 1	<a href="#">get it</a>	<i>remarks - general:</i> T1->R4@TSG#10
draft	15/07/1999	1	. 0	. 0	<a href="#">get it</a>	<i>remarks - this release:</i>
draft	15/08/1999	1	. 0	. 1	<a href="#">get it</a>	
draft	15/09/1999	1	. 1	. 0	<a href="#">get it</a>	
TP-05	08/10/1999	1	. 2	. 0	<a href="#">get it</a>	
TP-06	17/12/1999	1	. 2	. 2	<a href="#">get it</a>	
draft	15/02/2000	1	. 3	. 0	<a href="#">get it</a>	
SWG T1 EMC at meeting-08	28/02/2000	2	. 0	. 0	<a href="#">get it</a>	
TP-07		2	. 0	. 1		SP-000034
TP-07	15/03/2000	3	. 0	. 0	<a href="#">get it</a>	
TP-09	05/10/2000	3	. 1	. 0	<a href="#">get it</a>	
RP-10	09/01/2001	3	. 2	. 0	<a href="#">get it</a>	
RP-11	05/04/2001	3	. 3	. 0	<a href="#">get it</a>	

---

## TR 34.901 Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance

R99 *current version:* none *WG (prime / other):* T1 / *rapporteur:* YOKOYAMA, Mitsuru Agilent Technologies Japan, Ltd  
*freeze\_meeting:* *G:* U: yes *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2002-09-16: 34.801 -> 34.901.  
*remarks - this release:* 2002-09-26: Anticipate approval at TP-18.

---

## TR 34.907 Report on electrical safety requirements and regulations

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* IIMORI, Eiji Toshiba Corporation, Digital Media Network  
*freeze\_meeting:* SP-05 *G:* U: yes *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

TP-03	23/04/1999	1	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>
TP-05	08/10/1999	3	. 0	. 0	<a href="#">get it</a>	<i>remarks - this release:</i> .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 461

02 December 2002 20:52:31

Server ACTIVE specs R99 34 .- series  
[http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

---

**TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions**  
R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* JOHNSSON, Sven Telefon AB LM Ericsson  
*freeze\_meeting:* SP-04 *G:* U: yes *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-04 18/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .

---

R99 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

**TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications**  
R99 *current version:* 3.2.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
deliverable yet available *remarks - this release:*  
Formatting 12/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)  
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)  
SP-14 07/01/2002 3 . 2 . 0 [get it](#)

---

**TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification**  
R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
deliverable yet available *remarks - this release:*  
Formatting 12/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)  
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 462

02 December 2002 20:52:31

Server ACTIVE specs R99 35 .- series  
[http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

---

**TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data**  
R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
deliverable yet available *remarks - this release:*  
Formatting 16/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)  
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)

---

**TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data**  
R99 *current version:* 3.1.2 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc  
*freeze\_meeting:* SP-07 *G:* U: yes *MCC:* POPE, Maurice  
*history (event, available, version,*  
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence  
deliverable yet available *remarks - this release:*  
Formatting 12/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)  
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)

---

## R98

R98 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TR 01.04 Abbreviations and acronyms**  
R98 *current version:* 7.0.0 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 463

02 December 2002 20:52:31

Server ACTIVE specs R98 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TR 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-29					
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-26 26/06/1998 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TR 01.33</b>	<b>Lawful Interception requirements for GSM</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #25: 7.0.0 (renumbered from 10.20)			
<hr/>						
<b>TS 01.56</b>	<b>GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MESSIET, Samira		ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 1 . 0 . 0		<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 01.61</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	upgrade to R98 04/10/2001 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

---

R98

02 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 464

02 December 2002 20:52:31

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.01</b>	<b>Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)</b>								
R98	<i>current version: 7.1.0</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>								
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-29 25/06/1999	7 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>				
	ETSI publication 13/12/1999	7 . 0 . 2		<a href="#">get it</a>					
<hr/>									
<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>								
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.04</b>	<b>General on Supplementary Services</b>								
R98	<i>current version: 7.1.2</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-28 12/02/1999	7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-29 25/06/1999	7 . 1 . 1		<a href="#">get it</a>					
	ETSI publication 28/12/1999	7 . 1 . 2		<a href="#">get it</a>					
<hr/>									
<b>TS 02.06</b>	<b>Types of Mobile Stations (MS)</b>								
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc			
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	ETSI publication 29/12/1999	7 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>				

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 465

02 December 2002 20:52:32

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.07 Mobile Station (MS) Features

R98 *current version: 7.1.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version,*  
smg-27 16/10/1998 7 . 0 . 0  
ETSI publication 03/08/1999 7 . 0 . 1  
SP-07 15/03/2000 7 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
G: yes U: *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

## TS 02.09 Security aspects

R98 *current version: 7.1.1*  
*freeze\_meeting: smg-29*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0  
ETSI publication 12/01/2000 7 . 0 . 1  
smg-31 16/02/2000 7 . 1 . 0  
ETSI publication 29/08/2000 7 . 1 . 1

WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
NP  
G: yes U: *MCC:* POPE, Maurice  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

## TS 02.11 Service Accessibility

R98 *current version: 7.1.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version,*  
smg-27 16/10/1999 7 . 0 . 0  
ETSI publication 03/08/1999 7 . 0 . 1  
SP-11 02/04/2001 7 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom  
G: yes U: *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

## TS 02.16 International Mobile Station Equipment Identities (IMEI)

R98 *current version: 7.2.0*  
*freeze\_meeting: smg-29*  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0  
smg-30 11/11/1999 7 . 1 . 0  
SP-08 23/06/2000 7 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom  
G: yes U: *MCC:* CLAYTON, Michael  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 466

02 December 2002 20:52:32

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
R98	<i>current version:</i> 7.1.1	WG (prime / other):	T3 / S1	<i>rapporteur:</i>	HOOKER, Philip	ORANGE PCS LTD
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-27 16/10/1998 7 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-29 25/06/1999 7 . 1 . 1			<a href="#">get it</a>		
<b>TS 02.19</b>	<b>Subscriber Identity Module Application Programming Interface (SIM API); Stage 1</b>					
R98	<i>current version:</i> 7.1.0	WG (prime / other):	T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i> SMG9->T3@#31	
	smg-29 25/06/1999 7 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	
<b>TS 02.22</b>	<b>Stage 1 for personalisation of GSM ME</b>					
R98	<i>current version:</i> 7.0.0	WG (prime / other):	S1 /	<i>rapporteur:</i>	DURAND, Romain	ALCATEL S.A.
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<b>TS 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>					
R98	<i>current version:</i> 7.0.1	WG (prime / other):	S1 /	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI publication 12/01/2000 7 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i>	
<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
R98	<i>current version:</i> 7.1.1	WG (prime / other):	S1 /	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-29 25/06/1999 7 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>	
	editorial 19/07/2002 7 . 1 . 1			<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 467

02 December 2002 20:52:32

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-26 26/06/1998 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-29 25/06/1999 7 . 1 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 02.32</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	draft 26/06/1996 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	draft 01/03/1998 2 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>				
	smg-26 26/06/1998 7 . 1 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 7 . 1 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>					
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	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-27 16/10/1998 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-28 12/02/1999 7 . 2 . 0	<a href="#">get it</a>				
	editorial 7 . 2 . 1					
	smg-29 25/06/1999 7 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
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,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

---

G = required in systems with GERANaccess; U = required in systems with UMTS

# 3GPP specification status

Page 468

02 December 2002 20:52:33

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R98	current version: 7.0.1	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0				<a href="#">get it</a>	remarks - general:
	edito 28/07/1999 7 . 0 . 1				<a href="#">get it</a>	remarks - this release:
<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	remarks - general:
						remarks - this release:
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	remarks - general:
						remarks - this release:
<b>TS 02.43</b>	<b>Support of Localised Service Area (SoLSA); Service description; Stage 1</b>					
R98	current version: 7.3.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 7 . 0 . 0					remarks - general:
	smg-28 7 . 1 . 0					remarks - this release:
	SP-05 7 . 2 . 0					
	SP-08 07/09/2000 7 . 3 . 0				<a href="#">get it</a>	
<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other): T3 / S3	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	remarks - general: SMG9->T3@#31
						remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 469

02 December 2002 20:52:33

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SMG11->S4 at SMG#30		
	ETSI publication 16/08/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>					
<b>TS 02.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1</b>				
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #27: 7.0.0 #28: 7.1.0 #29: 7.2.0		
	ETSI PE 26/05/1999 7 . 1 . 1	<a href="#">get it</a>			
	smg-29 25/06/1999 7 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 05/09/2000 7 . 2 . 1	<a href="#">get it</a>			
<hr/>					
<b>TS 02.57</b>	<b>Mobile Station Application Execution Environment (MExE) Service description Stage 1</b>				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #25: 7.0.0 #29: 7.1.0		
<hr/>					
<b>TS 02.60</b>	<b>General Packet Radio Service Stage 1 Description</b>				
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0		
	smg-29 25/06/1999 7 . 2 . 0	<a href="#">get it</a>			
	SP-05 08/10/1999 7 . 3 . 0	<a href="#">get it</a>			
	SP-07 15/03/2000 7 . 4 . 0	<a href="#">get it</a>			
	SP-08 23/06/2000 7 . 5 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 470

02 December 2002 20:52:33

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.63</b>	<b>Packet Data on Signalling channels Service (PDS); Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
<b>TS 02.66</b>	<b>Support of Mobile Number Portability (MNP); Service description; Stage 1</b>					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	SP-07 15/03/2000 7 . 1 . 0				<a href="#">get it</a>	<i>remarks - this release:</i> #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0
<hr/>						
<b>TS 02.67</b>	<b>Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	ETSI publication 12/01/2000 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i>
<hr/>						
<b>TS 02.68</b>	<b>Voice Group Call Service (VGCS); Stage 1</b>					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	edito 25/06/1999 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i>
	publish EN 300 24/08/2000 7 . 0 . 2				<a href="#">get it</a>	
	925					
<hr/>						
<b>TS 02.69</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>
	smg-29 25/06/1999 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i> #28: 7.0.0
	ETSI publication 29/12/1999 7 . 0 . 2				<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 471

02 December 2002 20:52:33

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.72</b>	<b>Call Deflection Service description, Stage 1</b>				
R98	<i>current version: 7.2.1</i>	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-27 16/10/1998 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0</i>		
	smg-28 12/02/1999 7 . 2 . 0	<a href="#">get it</a>			
	smg-29 25/06/1999 7 . 2 . 1	<a href="#">get it</a>			

---

<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>				
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-10 12/01/2001 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	SP-14 14/01/2002 7 . 2 . 0	<a href="#">get it</a>			

---

<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>				
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> FREY, Sophie	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		

---

<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>				
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TELIA AB	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		

---

<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>				
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 472

02 December 2002 20:52:34

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 02.84</b>	<b>MultiParty (MPTY) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 02.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 1</b>					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 02.87</b>	<b>User-to-User Signalling (UUS) Service Description; Stage 1</b>					
R98	current version: 7.1.2	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-25 20/03/1998 7 . 0 . 0					
	smg-28 12/02/1999 7 . 1 . 0	<a href="#">get it</a>		remarks - general:		
	smg-29 25/06/1999 7 . 1 . 1	<a href="#">get it</a>		remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1		
	ETSI publication 16/12/1999 7 . 1 . 2	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 473

02 December 2002 20:52:34

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
<hr/>						
<b>TS 02.90</b>	<b>Unstructured Supplementary Service Data (USSD); Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
<hr/>						
<b>TS 02.91</b>	<b>Explicit Call Transfer (ECT)</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POSTMANN, Erwin	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
<hr/>						
<b>TS 02.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
<hr/>						
<b>TS 02.95</b>	<b>Support of Private Numbering Plan (SPNP); Service description; Stage 1</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 474

02 December 2002 20:52:34

Server ACTIVE specs R98 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.96 Name Identification Supplementary Services; Stage 1**  
R98 *current version: 7.0.0* WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

**TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1**  
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0*

---

R98 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.01 Network Functions**  
R98 *current version: 7.0.0* WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* SULTAN, Alain  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG3->SA2 @ TSG#7*  
*remarks - this release: #29:7.0.0*

---

**TS 03.02 Network Architecture**  
R98 *current version: 7.1.0* WG (prime / other): S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* SULTAN, Alain  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
SP-06 17/12/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 S#6: 7.1.0*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 475

02 December 2002 20:52:34

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>					
R98	<i>current version: 7.7.0</i>			<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc
	<i>freeze_meeting: smg-29</i>			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-29 25/06/1999	7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-05 08/10/1999	7 . 2 . 0		<a href="#">get it</a>		
	NP-06 15/12/1999	7 . 3 . 0		<a href="#">get it</a>		
	edito 11/02/2000	7 . 3 . 1		<a href="#">get it</a>		
	NP-07 15/03/1999	7 . 4 . 0		<a href="#">get it</a>		
	NP-08 17/03/2000	7 . 5 . 0		<a href="#">get it</a>		
	NP-12 27/06/2001	7 . 6 . 0		<a href="#">get it</a>		
	NP-16 26/06/2002	7 . 7 . 0		<a href="#">get it</a>		
						SA did not approve companion CRs to 02.16.

---

<b>TR 03.05</b>	<b>Technical performance objectives</b>					
R98	<i>current version: 7.0.0</i>			<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat
	<i>freeze_meeting: smg-29</i>			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	

---

<b>TS 03.07</b>	<b>Restoration Procedures</b>					
R98	<i>current version: 7.1.0</i>			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD
	<i>freeze_meeting: smg-29</i>			<i>G: yes U:</i>	<i>MCC:</i> Chalmers	
	<i>history (event, available, version,</i>				<i>MCC:</i> KYMALAINEN, Kimmo	
	smg-29 25/06/1999	7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	NP-06 15/12/1999	7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 476

02 December 2002 20:52:35

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>					
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>		remarks - this release:		
	NP-06 17/12/1999 7 . 2 . 0	<a href="#">get it</a>				
	NP-07 15/03/2000 7 . 3 . 0	<a href="#">get it</a>				
	NP-09 31/10/2000 7 . 4 . 0	<a href="#">get it</a>				

---

<b>TS 03.09</b>	<b>Handover Procedures</b>					
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting: smg-29	G: yes U:		MCC:	Rouzbeh	
	history (event, available, version,				JORGENSEN, Per Johan	
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		

---

<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
R98	current version: 7.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-29 26/06/1999 7 . 0 . 1	<a href="#">get it</a>		remarks - this release:		

---

<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>		remarks - this release: #29: 7.0.0		

---

<b>TS 03.12</b>	<b>Location Registration Procedures</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 477

02 December 2002 20:52:35

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	edito 10/08/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>			
<hr/>						
<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> Chalmers KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
<b>TS 03.16</b>	<b>Subscriber Data Management</b>					
R98	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	NP-06 15/12/1999 7 . 2 . 0	<a href="#">get it</a>				
	NP-07 15/03/2000 7 . 3 . 0	<a href="#">get it</a>				
	NP-09 31/10/2000 7 . 4 . 0	<a href="#">get it</a>				
	NP-11 02/04/2001 7 . 5 . 0	<a href="#">get it</a>				
	NP-17 17/09/2002 7 . 6 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 478

02 December 2002 20:52:35

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.18</b>	<b>Basic Call Handling</b>								
R98	current version: 7.4.0								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-28 12/02/1999	7	.	0	.	0		<a href="#">get it</a>	remarks - general:
	smg-29 25/06/1999	7	.	1	.	0		<a href="#">get it</a>	remarks - this release:
	NP-05 08/10/1999	7	.	2	.	0		<a href="#">get it</a>	
	NP-07 15/03/2000	7	.	3	.	0		<a href="#">get it</a>	
	NP-09 31/10/2000	7	.	4	.	0		<a href="#">get it</a>	
<hr/>									
<b>TS 03.19</b>	<b>GSM API for SIM toolkit stage 2</b>								
R98	current version: 7.5.0								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-28 12/02/1999	1	.	0	.	0		<a href="#">get it</a>	remarks - general: SMG9->T3@#31
	smg-29 25/06/1999	7	.	0	.	0		<a href="#">get it</a>	remarks - this release:
	smg-31 16/02/2000	7	.	1	.	0		<a href="#">get it</a>	
	TP-08 23/06/2000	7	.	2	.	0		<a href="#">get it</a>	
	TP-08 28/09/2000	7	.	3	.	0		<a href="#">get it</a>	
	TP-10 07/03/2001	7	.	4	.	0		<a href="#">get it</a>	
	TP-11 27/07/2001	7	.	5	.	0		<a href="#">get it</a>	
<hr/>									
<b>TS 03.20</b>	<b>Security-related Network Functions</b>								
R98	current version: 7.2.0								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-28 12/02/1999	7	.	0	.	0		<a href="#">get it</a>	remarks - general:
	smg-29 25/06/1999	7	.	1	.	0		<a href="#">get it</a>	remarks - this release: #32:7.3.0? - status of CRs unclear.
	smg-30 11/11/1999	7	.	2	.	0		<a href="#">get it</a>	
	CR at smg-32 would have created								
	7.3.0, but unclear whether or not								

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 479

02 December 2002 20:52:35

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>					
R98	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 smg-30 11/11/1999 7 . 2 . 0 SP-06 15/12/1999 7 . 3 . 0 SP-11 11/04/2001 7 . 4 . 0	G: yes U:	MCC: USAI, Paolino		remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and remarks - this release: group receive mode".	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>
<hr/>						
<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: USAI, Paolino		remarks - general: remarks - this release:	<a href="#">get it</a>
<hr/>						
<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>					
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): GP / -	rapporteur: TEGTH, Ulf USAI, Paolino	TELIA AB		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 smg-31 16/02/2000 7 . 1 . 0	G: yes U:	MCC: USAI, Paolino		remarks - general: remarks - this release: #29: 7.0.0 #31:7.1.0	<a href="#">get it</a> <a href="#">get it</a>
<hr/>						
<b>TS 03.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 2</b>					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	history (event, available, version, smg-26 26/06/1998 7 . 0 . 0	G: yes U:	MCC: POPE, Maurice		remarks - general: 2001-09-03: S3 secretary reports that this spec is not mature enough for official remarks - this release: publication. Work continues in 43.031.	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 480

02 December 2002 20:52:36

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

<b>TS 03.32</b>	<b>Universal Geographical Area Description (GAD)</b>				
R98	current version: 7.1.0	WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM	
	freeze_meeting: smg-29	G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	SP-08 23/06/2000 7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #29: 7.0.0 TSG#8:7.1.0		
<b>TS 03.33</b>	<b>Lawful Interception; Stage 2</b>				
R98	current version: 7.2.0	WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH	
	freeze_meeting: smg-29	G: yes U:	MCC: POPE, Maurice		
	history (event, available, version,				
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0		
	SP-10 21/12/2000 7 . 2 . 0	<a href="#">get it</a>			
<b>TS 03.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #29: 7.0.0		
<b>TS 03.35</b>	<b>Immediate Service Termination (IST); Stage 2</b>				
R98	current version: 7.0.1	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-29	G: yes U:	MCC: POPE, Maurice		
	history (event, available, version,				
	smg-27 16/10/1998 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI publication 30/10/2001 7 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
<b>TS 03.38</b>	<b>Alphabets and language-specific information</b>				
R98	current version: 7.2.0	WG (prime / other): T2 / -	rapporteur: HARRIS, Ian	Teleca Limited	
	freeze_meeting: smg-29	G: yes U:	MCC: RODERMUND, Friedhelm		
	history (event, available, version,				
	smg-26 26/06/1998 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-28 12/02/1999 7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0		
	smg-29 25/06/1999 7 . 2 . 0	<a href="#">get it</a>			

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 481

02 December 2002 20:52:36

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-point (PP)

R98 *current version: 7.5.0* WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
*freeze\_meeting: smg-29* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-29 25/06/1999 7 . 2 . 0 [get it](#)  
TP-05 08/10/1999 7 . 3 . 0 [get it](#)  
TP-06 15/12/1999 7 . 4 . 0 [get it](#)  
TP-14 11/01/2002 7 . 5 . 0 [get it](#)

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 *current version: 7.4.0* WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
*freeze\_meeting: smg-29* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
TP-06 15/12/1999 7 . 2 . 0 [get it](#)  
TP-07 15/03/2000 7 . 3 . 0 [get it](#)  
TP-09 19/10/2000 7 . 4 . 0 [get it](#)

---

## TS 03.42 SMS Compression

R98 *current version: 7.1.1* WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
*freeze\_meeting: smg-29* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release: #26: 7.0.0 #28: 7.1.0*  
smg-29 25/06/1999 7 . 1 . 1 [get it](#)

---

## TR 03.43 Support of Videotex

R98 *current version: 7.0.0* WG (prime / other): T2 / - rapporteur: DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*freeze\_meeting: SP-08* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 482

02 December 2002 20:52:36

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R98 *current version: 7.0.0* WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* SP-08 G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent**  
R98 *current version: 7.0.1* WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-29 G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent**  
R98 *current version: 7.0.0* WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-29 G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)**  
R98 *current version: 7.0.0* WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* SP-08 G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 03.48 Security mechanisms for SIM application toolkit; Stage 2**  
R98 *current version: 7.0.1* WG (prime / other): T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*freeze\_meeting:* smg-29 G: yes U: MCC: DIETZE, Claus  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31  
smg-29 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 483

02 December 2002 20:52:36

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>				
R98	current version: 7.0.0 freeze_meeting: SP-08	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: RODERMUND, Friedhelm		
		<a href="#">get it</a>	remarks - general:		
			remarks - this release:		
<hr/>					
<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 smg-32 20/06/2000 7 . 1 . 0 ETSI publication 28/11/2000 7 . 1 . 1	G: yes U:	MCC: USAI, Paolino		
		<a href="#">get it</a>	remarks - general:		
		<a href="#">get it</a>	remarks - this release: #29: 7.0.0 #32:7.1.0		
		<a href="#">get it</a>			
		<a href="#">get it</a>			
<hr/>					
<b>TS 03.52</b>	<b>Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2</b>				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): G1 / -	rapporteur: GIRAUD, Alexis	ALCATEL S.A.	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI PE 26/05/1999 7 . 0 . 1 smg-29 25/06/1999 7 . 1 . 0 ETSI publication 05/09/2000 7 . 1 . 1	G: yes U:	MCC: USAI, Paolino		
		<a href="#">get it</a>	remarks - general:		
		<a href="#">get it</a>	remarks - this release: #28: 7.0.0 #29: 7.1.0		
		<a href="#">get it</a>			
		<a href="#">get it</a>			
<hr/>					
<b>TS 03.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 2</b>				
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S4 / NP / S2	rapporteur: FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	history (event, available, version, smg-25 20/03/1998 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	G: yes U:	MCC: USAI, Paolino		
		<a href="#">get it</a>	remarks - general: Mar00: prime responsibility txfrd to SMG11		
		<a href="#">get it</a>	remarks - this release: #25: 7.0.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 484

02 December 2002 20:52:37

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.54</b>	<b>Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-29	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 03.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2</b>				
R98	current version: 7.1.1	WG (prime / other): S2 / -	rapporteur: ROBERTS, Martin	Nortel	
	freeze_meeting: smg-29	G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,				
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI PE 26/05/1999 7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0		
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>			
	ETSI publication 05/09/2000 7 . 1 . 1	<a href="#">get it</a>			
<hr/>					
<b>TS 03.57</b>	<b>Mobile Station Application Execution Environment (MExE); Functional description; Stage 2</b>				
R98	current version: 7.2.0	WG (prime / other): T2 / -	rapporteur: BRENK, Lars	TTPCom Ltd	
	freeze_meeting: smg-29	G: yes U:	MCC: RODERMUND, Friedhelm		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	TP-06 15/12/1999 7 . 1 . 0	<a href="#">get it</a>	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		
	TP-07 15/03/2000 7 . 2 . 0	<a href="#">get it</a>			
<hr/>					
<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)</b>				
R98	current version: 7.0.0	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom	
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #29: 7.0.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 485

02 December 2002 20:52:37

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](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: DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting: smg-29* G: yes U: MCC: SULTAN, Alain

*history (event, available, version,*

smg-28	12/02/1998	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
smg-29	25/06/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:
ETSI publication	20/01/2000	7	.	1	.	1	<a href="#">get it</a>	
SP-05	08/10/1999	7	.	2	.	0	<a href="#">get it</a>	
SP-06	15/12/1999	7	.	3	.	0	<a href="#">get it</a>	
ETSI publication	07/07/2000	7	.	3	.	1	<a href="#">get it</a>	
SP-07	15/03/2000	7	.	4	.	0	<a href="#">get it</a>	
ETSI publication	22/09/2000	7	.	4	.	1	<a href="#">get it</a>	
SP-09	01/02/2001	7	.	5	.	0	<a href="#">get it</a>	
SP-11	19/04/2001	7	.	6	.	0	<a href="#">get it</a>	
SP-12	29/06/2001	7	.	7	.	0	<a href="#">get it</a>	
SP-14	08/01/2002	7	.	8	.	0	<a href="#">get it</a>	
edito		7	.	8	.	1		
SP-17	02/10/2002	7	.	9	.	0	<a href="#">get it</a>	

---

## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version: 7.0.0* WG (prime / other): N1 / - rapporteur: JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting: smg-29* G: yes U: MCC: JORGENSEN, Per Johan

*history (event, available, version,*

smg-31	16/02/2000	7	.	0	.	0	<a href="#">get it</a>	remarks - general: remarks - this release:
--------	------------	---	---	---	---	---	------------------------	---

---

## TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version: 7.1.0* WG (prime / other): G1 / - rapporteur: LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino

*history (event, available, version,*

smg-29	25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
smg-30	11/11/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 486

02 December 2002 20:52:37

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.66</b>	<b>Support of GSM Mobile Number Portability (MNP); Stage 2</b>								
R98	<i>current version:</i> 7.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	smg-29 25/06/1999 7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.)					
	NP-05 08/10/1999 7 . 2 . 0		<a href="#">get it</a>	TSG#7: 7.3.0					
	NP-07 15/03/2000 7 . 3 . 0		<a href="#">get it</a>						
	ETSI publication 10/10/2000 7 . 3 . 1		<a href="#">get it</a>						
<hr/>									
<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	NP-07 17/03/2000 7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>					
	NP-10 21/12/2000 7 . 2 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	NP-07 15/12/1999 7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0					
	NP-09 12/10/2000 7 . 2 . 0		<a href="#">get it</a>						
<hr/>									
<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH					
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>					
	NP-07 15/03/2000 7 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0					
	NP-09 12/10/2000 7 . 2 . 0		<a href="#">get it</a>						

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 487

02 December 2002 20:52:38

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](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,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*G: yes U:* *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:* N3: "no R99 needed".  
*remarks - this release:* #29: 7.0.0

---

## TS 03.71 Location Services (LCS); Functional description; Stage 2

R98 *current version:* 7.10.0  
*freeze\_meeting:* smg-29  
*history (event, available, version,*  
smg-28 12/02/1999 1 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 0  
SA2-06 30/07/1999 7 . 2 . 0  
edito 29/12/1999 7 . 2 . 1  
smg-31 16/02/2000 7 . 3 . 0  
smg-31 bis 17/04/2000 7 . 4 . 0  
SP-11 11/04/2001 7 . 5 . 0  
SP-12 29/06/2001 7 . 6 . 0  
SP-13 15/10/2001 7 . 7 . 0  
SP-14 07/01/2002 7 . 8 . 0  
SP-15 02/04/2002 7 . 9 . 0  
SP-16 17/06/2002 7 . 10 . 0

*WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*G: yes U:* *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.72 Call Deflection stage 2

R98 *current version:* 7.1.0  
*freeze\_meeting:* smg-29  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 0 . 1  
NP-05 08/10/1999 7 . 1 . 0

*WG (prime / other):* N4 / - *rapporteur:* VACANT,  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #28: 7.0.0 TSG#5 7.1.0  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 488

02 December 2002 20:52:38

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version: 7.2.0* WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting: smg-29* G: yes U: MCC: KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #27: for info  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)

## TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version: 7.8.1* WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: JURISIC, Andrijana  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 16/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#)  
NP-05 13/10/1999 7 . 2 . 0 [get it](#)  
NP-07 17/03/2000 7 . 3 . 0 [get it](#)  
NP-08 23/06/2000 7 . 4 . 0 [get it](#)  
NP-10 04/01/2001 7 . 5 . 0 [get it](#)  
NP-12 02/07/2001 7 . 6 . 0 [get it](#)  
visible figures 04/07/2001 7 . 6 . 1 [get it](#)  
NP-14 04/01/2002 7 . 7 . 0 [get it](#)  
NP-16 17/06/2002 7 . 8 . 0 [get it](#)  
Editorial correction 21/08/2002 7 . 8 . 1 [get it](#)  
to SDLs

## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version: 7.3.0* WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
*freeze\_meeting: smg-29* G: yes U: MCC: Chalmers  
*history (event, available, version,* KYMALAINEN, Kimmo  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0  
NP-05 08/10/1999 7 . 2 . 0 [get it](#)  
NP-07 15/03/2000 7 . 3 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 489

02 December 2002 20:52:38

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>				
R98	current version: 7.0.1	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation	
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-28 12/02/1999 7 . 0 . 0		<a href="#">get it</a> remarks - general:		
	smg-29 25/06/1999 7 . 0 . 1		<a href="#">get it</a> remarks - this release: #28: 7.0.0		
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation	
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a> remarks - general:		
			remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a> remarks - general:		
			remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 03.84</b>	<b>Multi Party (MPTY) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a> remarks - general:		
			remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>				
R98	current version: 7.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0		<a href="#">get it</a> remarks - general:		
			remarks - this release:		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 490

02 December 2002 20:52:39

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 2</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999					
	ETSI publication 12/01/2000					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 03.87</b>	<b>User-to-user signalling (UUS); Stage 2</b>					
R98	current version: 7.0.2	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999					
	smg-29 25/06/1999					
	ETSI publication 17/12/1999					
		<a href="#">get it</a>		remarks - general:		
		<a href="#">get it</a>		remarks - this release: #28: 7.0.0		
		<a href="#">get it</a>				
<hr/>						
<b>TS 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 03.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil	mm02 plc
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		
<hr/>						
<b>TS 03.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999					
		<a href="#">get it</a>		remarks - general:		
				remarks - this release: #29: 7.0.0		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 491

02 December 2002 20:52:39

Server ACTIVE specs R98 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.93</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
<b>TS 03.96</b>	<b>Name Identification Supplementary Services; Stage 2</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
<b>TS 03.97</b>	<b>Multiple subscriber Profile (MSP); Stage 2</b>					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	NP-05 08/10/1999 7 . 1 . 1	<a href="#">get it</a>				
	NP-06 15/12/1999 7 . 2 . 0	<a href="#">get it</a>				

---

R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> JORGENSEN, Per Johan			
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 492

02 December 2002 20:52:39

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		
		<a href="#">get it</a>	remarks - general: remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release:		
<hr/>					
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken THOMASEN, Gert	SIEMENS AG	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC:		
		<a href="#">get it</a>	remarks - general: remarks - this release:		
<hr/>					
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>				
R98	current version: 7.1.2 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 smg-31 16/02/2000 7 . 1 . 0 Editorial correction 16/03/2000 7 . 1 . 1 ETSI publication 22/09/2000 7 . 1 . 2	G: yes U:	MCC: THOMASEN, Gert		
		<a href="#">get it</a>	remarks - general: remarks - this release:		
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			
		<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 493

02 December 2002 20:52:39

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

R98 *current version: 7.2.1* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting: smg-29*

G: yes U: MCC: THOMASEN, Gert

*history (event, available, version,*

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	14/12/1999	7	.	0	.	1
smg-31	16/02/2000	7	.	1	.	0
Editorial correction	16/02/2000	7	.	1	.	1
ETSI publication	29/09/2000	7	.	1	.	2
GP-03	31/01/2001	7	.	2	.	0
edito	31/01/2001	7	.	2	.	1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

R98 *current version: 7.3.0* WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting: smg-29*

G: yes U: MCC: JORGENSEN, Per Johan

*history (event, available, version,*

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-06	15/12/1999	7	.	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

# 3GPP specification status

Page 494

02 December 2002 20:52:39

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.18.0

freeze\_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
edito	15/07/1999	7	.	1	.	1
ETSI OAP	11/08/1999	7	.	1	.	2
ETSI publication	29/12/1999	7	.	1	.	3
NP-05	08/10/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
NP-06	15/12/1999	7	.	4	.	0
ETSI publication	20/09/2000	7	.	4	.	2
smg-31	16/02/2000	7	.	5	.	0
edito	20/02/2000	7	.	5	.	1
NP-07	15/03/2000	7	.	6	.	0
ETSI publicaton	05/10/2000	7	.	6	.	1
smg-31 bis	17/04/2000	7	.	7	.	0
smg-32	28/06/2000	7	.	8	.	0
GP-01/NP-09	12/10/2000	7	.	9	.	0
edito	02/11/2000	7	.	9	.	1
NP-10	02/01/2001	7	.	10	.	0
GP-04	11/04/2001	7	.	11	.	0
GP-05	18/06/2001	7	.	12	.	0
NP-12	13/07/2001	7	.	13	.	0
GP-06	14/09/2001	7	.	14	.	0
GP-07	04/01/2002	7	.	15	.	0
NP-14	07/01/2002	7	.	16	.	0
GP-08	19/02/2002	7	.	17	.	0
NP-17	17/09/2002	7	.	18	.	0

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
[get it](#) remarks - this release: Thomasen (even numbered CRs!)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 495

02 December 2002 20:52:40

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>				
R98	current version: 7.1.0	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29		Peter Skov		
		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999 7 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
	NP-14 10/01/2002 7 . 1 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>				
R98	current version: 7.1.0	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-09 12/10/2000 7 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
<hr/>					
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>				
R98	current version: 7.0.1	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0		
<hr/>					
<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>				
R98	current version: 7.0.1	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 496

02 December 2002 20:52:40

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
R98	current version: 7.3.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-29	G: yes	U:	MCC:	THOMASEN, Gert				
history (event, available, version,									
smg-29	25/06/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
smg-30	11/11/1999	7	. 1 . 0	<a href="#">get it</a>	remarks - this release:				
smg-32	20/06/2000	7	. 2 . 0	<a href="#">get it</a>					
GP-10	19/07/2002	7	. 3 . 0	<a href="#">get it</a>					

---

<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>								
R98	current version: 7.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-27	16/10/1998	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
edito		7	. 0 . 1		remarks - this release: #27: 7.0.0 TSG#8:7.1.0				
smg-29	25/06/1999	7	. 0 . 2	<a href="#">get it</a>					
ETSI publication	14/12/1999	7	. 0 . 3	<a href="#">get it</a>					
NP-08	21/06/2000	7	. 1 . 0	<a href="#">get it</a>					

---

<b>TS 04.22</b>	<b>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</b>								
R98	current version: <b>Switching Centre (BSS - MSC) interface</b>	7.1.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
freeze_meeting: smg-29			G: yes	U:	MCC:	BOSWARTHICK, David			
history (event, available, version,									
smg-28	12/02/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:				
NP-06	15/12/1999	7	. 1 . 0	<a href="#">get it</a>	remarks - this release: #28: 7.0.0 TSG#6: 7.1.0				

---

<b>TS 04.30</b>	<b>Location Services (LCS); Supplementary service operations; Stage 3</b>								
R98	current version: 7.3.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
smg-30 bis	06/12/1999	7	. 0 . 1	<a href="#">get it</a>	remarks - general:	Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3			
smg-31	16/02/2000	7	. 1 . 0	<a href="#">get it</a>	remarks - this release:	and the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.			
SP-08	21/06/2000	7	. 2 . 0	<a href="#">get it</a>					
NP-14	10/01/2002	7	. 3 . 0	<a href="#">get it</a>					

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 497

02 December 2002 20:52:40

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.31</b>	<b>Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)</b>				
R98	<i>current version:</i> 7.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30	1 . 0 . 0		<i>remarks - general:</i>	
	smg-30 bis 06/12/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-31 16/02/2000	7 . 1 . 0	<a href="#">get it</a>		
	smg-31 bis 17/04/2000	7 . 2 . 0	<a href="#">get it</a>		
	GP-02 30/11/2000	7 . 3 . 0	<a href="#">get it</a>		
	GP-03 31/01/2001	7 . 4 . 0	<a href="#">get it</a>		
	edito 31/01/2001	7 . 4 . 1	<a href="#">get it</a>		
	GP-04 04/05/2001	7 . 5 . 0	<a href="#">get it</a>		
	GP-05 18/06/2001	7 . 6 . 0	<a href="#">get it</a>		
	GP-06 14/09/2001	7 . 7 . 0	<a href="#">get it</a>		
	GP-07 08/01/2002	7 . 8 . 0	<a href="#">get it</a>		
	GP-08 19/02/2002	7 . 9 . 0	<a href="#">get it</a>		
	GP-09 02/05/2002	7 . 10 . 0	<a href="#">get it</a>		
	GP-10 19/07/2002	7 . 11 . 0	<a href="#">get it</a>		

---

<b>TS 04.35</b>	<b>Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods</b>				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30 bis 06/12/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-31 bis 17/04/2000	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	GP-01 11/10/2000	7 . 2 . 0	<a href="#">get it</a>		
	GP-03 31/01/2001	7 . 3 . 0	<a href="#">get it</a>		
	GP-07 08/01/2002	7 . 4 . 0	<a href="#">get it</a>		

---

<b>TS 04.56</b>	<b>GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification</b>				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI PE 25/05/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0	
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>		
	ETSI publication 05/09/2000	7 . 1 . 1	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 498

02 December 2002 20:52:41

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification**  
R98 *current version: 7.0.3* WG (prime / other): N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL Kommunikations-Elektronik GmbH  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI PE 26/05/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*  
ETSI Vote 22/05/2000 7 . 0 . 2 [get it](#)  
ETSI publication 05/09/2000 7 . 0 . 3 [get it](#)

---

**TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol**  
R98 *current version: 7.10.0* WG (prime / other): G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* THOMASEN, Gert

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 bis 06/12/1999 7 . 2 . 0 [get it](#)  
smg-31 16/02/2000 7 . 3 . 0 [get it](#)  
smg-32 28/06/2000 7 . 5 . 0 [get it](#)  
GP-01 11/10/2000 7 . 6 . 0 [get it](#)  
GP-02 27/11/2000 7 . 7 . 0 [get it](#)  
GP-03 31/01/2001 7 . 8 . 0 [get it](#)  
GP-04 04/05/2001 7 . 9 . 0 [get it](#)  
GP-10 19/07/2002 7 . 10 . 0 [get it](#)

---

**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**  
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 499

02 December 2002 20:52:41

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>				
R98	current version: 7.5.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	SP-06 15/12/1999	7 . 2 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	7 . 3 . 0	<a href="#">get it</a>		
	NP-10 02/01/2001	7 . 4 . 0	<a href="#">get it</a>		
	NP-14 04/01/2002	7 . 5 . 0	<a href="#">get it</a>		

---

<b>TS 04.65</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)</b>				
R98	current version: 7.3.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
	smg-30 11/11/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	post SP-06 15/12/1999	7 . 2 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	7 . 3 . 0	<a href="#">get it</a>		

---

<b>TS 04.67</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>				
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 12/01/2000	7 . 0 . 1	<a href="#">get it</a>	remarks - this release:	#29: 7.0.0

---

<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>				
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000	7 . 2 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 500

02 December 2002 20:52:41

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>					
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-30 11/11/1999	7	. 1 . 0	<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000	7	. 2 . 0	<a href="#">get it</a>		

---

<b>TS 04.71</b>	<b>Location Services (LCS); Mobile radio interface layer 3 specification</b>					
R98	current version: 7.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert	
	history (event, available, version,					
	smg-28 12/02/1999	1	. 0 . 0	<a href="#">get it</a>	remarks - general:	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.
	smg-29 25/06/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-30 bis 15/12/1999	7	. 1 . 1	<a href="#">get it</a>		
	smg-32 28/06/2000	7	. 2 . 0	<a href="#">get it</a>		
	GP-05 18/06/2001	7	. 3 . 0	<a href="#">get it</a>		
	GP-07 08/01/2002	7	. 4 . 0	<a href="#">get it</a>		
	GP-10 22/07/2002	7	. 5 . 0	<a href="#">get it</a>		

---

<b>TS 04.72</b>	<b>Call Deflection (CD) Supplementary Service; Stage 3</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 30/10/2001	7	. 0 . 1	<a href="#">get it</a>	remarks - this release:	#27: for info #28: 7.0.0

---

<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>					
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999	7	. 0 . 0	<a href="#">get it</a>	remarks - general:	
	NP-06 15/12/1999	7	. 1 . 0	<a href="#">get it</a>	remarks - this release:	
	NP-07 15/03/2000	7	. 2 . 0	<a href="#">get it</a>		
	NP-08 21/06/2000	7	. 3 . 0	<a href="#">get it</a>		
	NP-09 28/09/2000	7	. 4 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 501

02 December 2002 20:52:42

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.81 Line Identification Supplementary Services; Stage 3

R98 current version: 7.0.1  
freeze\_meeting: smg-29  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0

## TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98 current version: 7.0.2  
freeze\_meeting: smg-29  
history (event, available, version,  
smg-28 12/02/1999 7 . 0 . 0  
<to be defined> 14/12/1999 7 . 0 . 2

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #28: 7.0.0

## TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 current version: 7.0.1  
freeze\_meeting: smg-29  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0

## TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R98 current version: 7.0.1  
freeze\_meeting: smg-29  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0  
ETSI Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #29: 7.0.0

## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R98 current version: 7.0.0  
freeze\_meeting: smg-29  
history (event, available, version,  
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 502

02 December 2002 20:52:42

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 3</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 12/01/2000 7 . 0 . 1			<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 04.87</b>	<b>User-to-User Signalling (UUS) Supplementary Service; Stage 3</b>					
R98	current version: 7.0.2	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALA INEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/12/1999 7 . 0 . 2			<a href="#">get it</a>	remarks - this release: #28: 7.0.0	
<hr/>						
<b>TS 04.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 3</b>					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 04.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 12/01/2000 7 . 0 . 1			<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 04.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 12/01/2000 7 . 0 . 1			<a href="#">get it</a>	remarks - this release: #29: 7.0.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 503

02 December 2002 20:52:42

Server ACTIVE specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #29: 7.0.0

---

**TS 04.96 Name Identification Supplementary Services; Stage 3**

R98 *current version:* 7.0.0  
*freeze\_meeting:* smg-29  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*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](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.01 Physical Layer on the Radio Path (General Description)**

R98 *current version:* 7.2.0  
*freeze\_meeting:* smg-29  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0  
smg-30 11/11/1999 7 . 1 . 0  
GP-07 04/01/2002 7 . 2 . 0

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 504

02 December 2002 20:52:42

Server ACTIVE specs R98 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 *current version: 7.7.0*

*freeze\_meeting: smg-29*

*history (event, available, version,*

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
ETSI publication	17/07/2000	7	.	3	.	1
smg-31	16/02/2000	7	.	4	.	0
ETSI publication	29/09/2000	7	.	4	.	1
smg-31 bis	17/04/2000	7	.	5	.	0
ETSI publication	17/10/2000	7	.	5	.	1
GP-02	24/11/2000	7	.	6	.	0
edito	30/11/2000	7	.	6	.	1
edito	20/04/2001	7	.	6	.	2
GP-06	01/10/2001	7	.	7	.	0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist  
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

## TS 05.03 Channel coding

R98 *current version: 7.3.1*

*freeze\_meeting: smg-29*

*history (event, available, version,*

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0
smg-31	16/02/1999	7	.	3	.	0
ETSI publication	17/02/2001	7	.	3	.	1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist  
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0*  
[get it](#)  
[get it](#)

## TS 05.04 Modulation

R98 *current version: 7.3.0*

*freeze\_meeting: smg-29*

*history (event, available, version,*

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	20/06/2000	7	.	0	.	1
smg-30 bis	06/12/1999	7	.	1	.	0
ETSI publication	20/06/2000	7	.	1	.	1
GP-03	15/02/2001	7	.	2	.	0
GP-05	29/06/2001	7	.	3	.	0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist  
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[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

# 3GPP specification status

Page 505

02 December 2002 20:52:43

Server ACTIVE specs R98 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.05 Radio Transmission and Reception

R98 *current version: 7.9.0*

*freeze\_meeting: smg-29*

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

G: yes U: *MCC:* USAI, Paolino

*history (event, available, version,*

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
ETSI publication	14/12/1999	7	.	1	.	1
smg-30	11/11/1999	7	.	2	.	0
smg-31	16/02/2000	7	.	3	.	0
ETSI publication	15/10/2000	7	.	3	.	1
smg-31 bis	17/04/2000	7	.	4	.	0
GP-01	10/10/2000	7	.	5	.	0
GP-06	01/10/2001	7	.	6	.	0
GP-09	06/05/2002	7	.	7	.	0
GP-10	19/07/2002	7	.	8	.	0
GP-11	19/09/2002	7	.	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](#)

[get it](#)

[get it](#)

---

## TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0*

*freeze\_meeting: smg-29*

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

G: yes U: *MCC:* USAI, Paolino

VODAFONE Group Plc

*history (event, available, version,*

smg-25		7	.	0	.	0
smg-29		7	.	1	.	0
smg-30		7	.	2	.	0
smg-30b		7	.	3	.	0
ETSI publication		7	.	3	.	1
smg-31 bis	17/04/2000	7	.	4	.	0
ETSI publication		7	.	4	.	1
GP-01	10/10/2000	7	.	5	.	0
GP-02	24/11/2000	7	.	6	.	0
edito	30/11/2000	7	.	6	.	1
GP-06	01/10/2001	7	.	7	.	0

*remarks - general:*  
*remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 506

02 December 2002 20:52:43

Server ACTIVE specs R98 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

<b>TS 05.09</b>	<b>Link adaptation</b>					
R98	<i>current version: 7.7.0</i>	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	Peter Skov USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 24/06/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
	ETSI publication 16/12/1999	7 . 0 . 2	<a href="#">get it</a>			
	smg-30 11/11/1999	7 . 1 . 0	<a href="#">get it</a>			
	smg-31 16/02/1999	7 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 05/10/2000	7 . 2 . 1	<a href="#">get it</a>			
	smg-32 28/06/2000	7 . 3 . 0	<a href="#">get it</a>			
	GP-02 01/09/2000	7 . 4 . 0	<a href="#">get it</a>			
	GP-03 15/02/2001	7 . 5 . 0	<a href="#">get it</a>			
	remove revision 31/07/2001	7 . 5 . 1	<a href="#">get it</a>			
	marks					
	GP-06 01/10/2001	7 . 6 . 0	<a href="#">get it</a>			
	GP-07 04/01/2002	7 . 7 . 0	<a href="#">get it</a>			
<b>TS 05.10</b>	<b>Radio subsystem synchronization</b>					
R98	<i>current version: 7.4.0</i>	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	JOKINEN, Harri	NOKIA MOBILE PHONES
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	GERAN#2:7.4.0	
	ETSI publication 14/12/1999	7 . 1 . 1	<a href="#">get it</a>			
	smg-30 11/11/1999	7 . 2 . 0	<a href="#">get it</a>			
	smg-31 bis 17/04/2000	7 . 3 . 0	<a href="#">get it</a>			
	ETSI publication 17/10/2000	7 . 3 . 1	<a href="#">get it</a>			
	GP-02 24/11/2000	7 . 4 . 0	<a href="#">get it</a>			
<b>TS 05.14</b>	<b>Release independent frequency bands; Implementation guidelines</b>					
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i>	G1 / G2	<i>rapporteur:</i>	KANGAS, Antti	NOKIA Corporation
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	GP-02 05/01/2001	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
	GP-05 29/06/2001	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
Changed from G2 to G1 at same time.						
	GP-10 19/07/2002	7 . 2 . 0	<a href="#">get it</a>		GERAN#2:7.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 507

02 December 2002 20:52:43

Server ACTIVE specs R98 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

<b>TR 05.22</b>	<b>Radio link management in hierarchical networks</b>				
R98	current version: 7.0.0	WG (prime / other): G1 / -	rapporteur: VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino		
history (event, available, version,					
Upgrade to	30/03/2000 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
Release 98			remarks - this release: .		
<hr/>					
<b>TR 05.50</b>	<b>Background for RF Requirements</b>				
R98	current version: 7.4.0	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29	G: yes U:	Peter Skov		
history (event, available, version,			MCC: USAI, Paolino		
smg-26	26/06/1998 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
smg-29	25/06/1999 7 . 1 . 0	<a href="#">get it</a>	remarks - this release: #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0		
smg-30	11/11/1999 7 . 2 . 0	<a href="#">get it</a>			
smg-31	16/02/2000 7 . 3 . 0	<a href="#">get it</a>			
smg-31 bis	17/04/2000 7 . 4 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 05.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem</b>				
R98	current version: 7.1.1	WG (prime / other): G1 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino		
history (event, available, version,					
smg-28	12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
smg-29	25/06/1999 7 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
ETSI Publication	05/09/2000 7 . 1 . 1	<a href="#">get it</a>			
<hr/>					
<b>TR 05.90</b>	<b>GSM Electromagnetic Compatibility (EMC) considerations</b>				
R98	current version: 7.0.0	WG (prime / other): G1 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-11	G: yes U:	MCC: USAI, Paolino		
history (event, available, version,					
upgrade to R98	10/04/2001 7 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: 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](http://www.3gpp.org/ftp/Specs/archive/06_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 508

02 December 2002 20:52:44

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</b>					
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 14/12/1999 7 . 0 . 2			<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>	
<hr/>						
<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>					
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 14/12/1999 7 . 0 . 2			<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>	
<hr/>						
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 20/01/2000 7 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 20/01/2000 7 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			<a href="#">get it</a>	<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

# 3GPP specification status

Page 509

02 December 2002 20:52:44

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](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,*  
smg-28 12/02/1999 7 . 0 . 0  
ETSI OAP 28/07/1999 7 . 0 . 1  
ETSI publication 14/12/1999 7 . 0 . 2  
inclusion of zip 29/03/2000 7 . 0 . 3  
files  
inclusion of doc 31/05/2000 7 . 0 . 4  
file (!)  
smg-32 20/06/2000 7 . 1 . 0  
SP-12 29/06/2001 7 . 2 . 0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar  
G: yes U: MCC: USAI, Paolino

PHILIPS Semiconductors

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

[get it](#)

[get it](#)

[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,*  
smg-29 25/06/1999 7 . 0 . 0  
ETSI Publication 29/12/1999 7 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William  
G: yes U: MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #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,*  
smg-29 25/06/1999 7 . 0 . 0  
ETSI Publication 12/01/2000 7 . 0 . 1  
SP-12 29/06/2001 7 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* SERENO, Daniele  
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #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,*  
smg-29 25/06/1999 7 . 0 . 0  
ETSI publication 17/01/2000 7 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* AFTELAK, Steve  
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #29: 7.0.0*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 510

02 December 2002 20:52:44

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999		7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI publication 17/01/2000		7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999		7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI Publication 20/01/2000		7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999		7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI Publication 12/01/2000		7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999		7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI Publication 13/01/2000		7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0	
<hr/>						
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999		7 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	ETSI Publication 20/01/2000		7 . 0 . 1	<a href="#">get it</a>	remarks - this release: #29: 7.0.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 511

02 December 2002 20:52:45

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>								
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S4	/ -	<i>rapporteur:</i>	BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>			<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 20/01/2000 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release: #29: 7.0.0</i>			
<hr/>									
<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>								
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i>	S4	/ -	<i>rapporteur:</i>	JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>			<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0</i>			
	smg-32 20/06/2000 7 . 1 . 0				<a href="#">get it</a>				
	ETSI publication 30/11/2000 7 . 1 . 1				<a href="#">get it</a>				
	SP-10 20/12/2000 7 . 2 . 0				<a href="#">get it</a>				
<hr/>									
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec</b>								
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S4	/ -	<i>rapporteur:</i>	JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>			<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>									
<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>								
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i>	S4	/ -	<i>rapporteur:</i>	JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>			<i>MCC:</i>	USAI, Paolino			
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0				<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI publication 12/01/2000 7 . 0 . 1				<a href="#">get it</a>	<i>remarks - this release:</i>			
	SP-10 20/12/2000 7 . 2 . 0				<a href="#">get it</a>				

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 512

02 December 2002 20:52:45

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 13/12/1999 7 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> #28: 7.0.0			
<hr/>						
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
<b>TS 06.71</b>	<b>Adaptive Multi-Rate speech processing functions; General description</b>					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SMG11->S4 at SMG#30			
	ETSI Publication 16/12/1999 7 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> #28: 7.0.0			

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 513

02 December 2002 20:52:45

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.73 Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec

R98 *current version: 7.6.0* WG (prime / other): S4 / - rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0*  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
SP-06 17/12/1999 7 . 3 . 0 [get it](#)  
SP-07 15/03/2000 7 . 4 . 0 [get it](#)  
ETSI Publication 28/09/2000 7 . 4 . 1 [get it](#)  
SP-11 10/04/2001 7 . 5 . 0 [get it](#)  
SP-14 09/01/2002 7 . 6 . 0 [get it](#)

## TS 06.74 Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec

R98 *current version: 7.3.0* WG (prime / other): S4 / - rapporteur: EKUDDEN, Erik Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 2 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
SP-06 17/12/1999 7 . 0 . 0 [get it](#) *remarks - this release:*  
corrected test 04/02/2000 7 . 0 . 1 [get it](#)  
vectors  
corrected test 14/09/2000 7 . 0 . 2 [get it](#)  
vectors  
ETSI publication 05/10/2000 7 . 0 . 3 [get it](#)  
SP-11 10/04/2001 7 . 1 . 0 [get it](#)  
corrected tests 04/07/2001 7 . 1 . 1 [get it](#)  
SP-15 28/03/2002 7 . 2 . 0 [get it](#)  
SP-16 28/06/2002 7 . 3 . 0 [get it](#)

## TR 06.75 Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec

R98 *current version: 7.2.0* WG (prime / other): S4 / - rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-29 25/06/1999 1 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - this release: SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0*  
SP-06 17/12/1999 7 . 1 . 0 [get it](#)  
SP-07 17/03/2000 7 . 2 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 514

02 December 2002 20:52:45

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TR 06.76</b>	<b>Adaptive Multi-Rate (AMR) speech codec; Study phase report</b>					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title.			
	SP-07 2 . 0 . 0 SP-000023		<i>remarks - this release:</i>			
	SP-07 17/03/2000 7 . 0 . 0	<a href="#">get it</a>				
	fix invisible 10/01/2002 7 . 0 . 1	<a href="#">get it</a>				
	refix invisible 15/01/2002 7 . 0 . 2	<a href="#">get it</a>				
	figures					
<hr/>						
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-30 11/11/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0 #30: 7.1.0			
	ETSI Publication 09/05/2000 7 . 1 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
<b>TR 06.85</b>	<b>Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<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

# 3GPP specification status

Page 515

02 December 2002 20:52:46

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](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 Lab S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0*  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)

## TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #30: 7.1.0*  
ETSI Publication 09/05/2000 7 . 1 . 1 [get it](#)

## TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0*  
ETSI Publication 17/12/1999 7 . 1 . 1 [get it](#)

## TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98 *current version: 7.5.0* WG (prime / other): S4 / - rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0 TSG#10:7.5.0*  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
SP-06 17/12/1999 7 . 3 . 0 [get it](#)  
ETSI publication 21/03/2001 7 . 3 . 1 [get it](#)  
SP-08 28/06/2000 7 . 4 . 0 [get it](#)  
ETSI publication 30/11/2000 7 . 4 . 1 [get it](#)  
SP-10 21/12/2000 7 . 5 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 516

02 December 2002 20:52:46

Server ACTIVE specs R98 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TS 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels**  
R98 *current version: 7.1.1* WG (prime / other): S4 / - rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0*  
ETSI Publication 22/12/1999 7 . 1 . 1 [get it](#)

---

R98 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](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: WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

---

**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
R98 *current version: 7.0.1* WG (prime / other): N3 / - rapporteur: WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 10/08/1999 7 . 0 . 1 [get it](#) *remarks - this release: #27: 7.0.0*

---

**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**  
R98 *current version: 7.0.0* WG (prime / other): N3 / - rapporteur: WIIK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting: smg-29* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 7.0.0*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 517

02 December 2002 20:52:46

Server ACTIVE specs R98 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R98 *current version: 7.0.1* WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
*freeze\_meeting: smg-29* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

---

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version: 7.7.0* WG (prime / other): T2 / - rapporteur: TOMÉ, Olga Telefon AB LM Ericsson  
*freeze\_meeting: SP-08* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 7 . 2 . 0 [get it](#)  
smg-29 25/06/1999 7 . 3 . 0 [get it](#)  
TP-05 13/10/1999 7 . 4 . 0 [get it](#)  
TP-06 15/12/1999 7 . 5 . 0 [get it](#)  
TP-11 06/04/2001 7 . 6 . 0 [get it](#)  
TP-14 11/01/2002 7 . 7 . 0 [get it](#)

---

## TS 07.10 Terminal Equipment to Mobile Station (TEMS) multiplexer protocol

R98 *current version: 7.2.0* WG (prime / other): T2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting: smg-29* G: yes U: MCC: RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
TP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
TP-15 26/03/2002 7 . 2 . 0 [get it](#)

---

## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R98 *current version: 7.2.0* WG (prime / other): N3 / - rapporteur: WILD, Johanna MOTOROLA Ltd  
*freeze\_meeting: smg-29* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
NP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0*  
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 518

02 December 2002 20:52:47

Server ACTIVE specs R98 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

R98 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.01</b>	<b>General Aspects on the BSS-MSC Interface</b>					
R98	current version: 7.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-29		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<hr/>						
<b>TS 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>					
R98	current version: 7.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-29		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<hr/>						
<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
R98	current version: 7.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-29		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 17/08/1999 7 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<hr/>						
<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>					
R98	current version: 7.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting: smg-29		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 17/08/1999 7 . 0 . 1	<a href="#">get it</a>	remarks - this release:			

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 519

02 December 2002 20:52:47

Server ACTIVE specs R98 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>				
R98	<i>current version: 7.7.0</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>					
smg-25	20/03/1998	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
smg-28	12/02/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
smg-29	25/06/1999	7 . 2 . 0	<a href="#">get it</a>		
smg-30	11/11/1999	7 . 3 . 0	<a href="#">get it</a>		
smg-30 bis	06/12/1999	7 . 4 . 0	<a href="#">get it</a>		
smg-31 bis	17/04/2000	7 . 5 . 0	<a href="#">get it</a>		
smg-31	16/02/2000	7 . 5 . 0	<a href="#">get it</a>		
smg-32	20/06/2000	7 . 6 . 0	<a href="#">get it</a>		
edito	14/09/2000	7 . 6 . 1	<a href="#">get it</a>		
GP-01	11/10/2000	7 . 7 . 0	<a href="#">get it</a>		

---

<b>TS 08.14</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1</b>				
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>					
smg-28	12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
ETSI Publication	30/08/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	

---

<b>TS 08.16</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>				
R98	<i>current version: 7.1.0</i>	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>					
smg-28	12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
smg-29	25/06/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 520

02 December 2002 20:52:47

Server ACTIVE specs R98 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.18</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>				
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-30 11/11/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-31 16/02/2000	7 . 3 . 0	<a href="#">get it</a>		
ETSI publication	26/05/2000	7 . 3 . 1	<a href="#">get it</a>		
GP-03	31/01/2001	7 . 4 . 0	<a href="#">get it</a>		
GP-05	18/06/2001	7 . 5 . 0	<a href="#">get it</a>		

---

<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-29 25/06/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	
	NP-11 04/04/2001	7 . 1 . 0	<a href="#">get it</a>		

---

<b>TS 08.31</b>	<b>Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification</b>				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30	1 . 0 . 0		<i>remarks - general:</i>	
	smg-30 bis 06/12/1999	7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	
	GP-05 18/06/2001	7 . 1 . 0	<a href="#">get it</a>		

---

<b>TS 08.51</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 521

02 December 2002 20:52:47

Server ACTIVE specs R98 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.52</b>	<b>Base Station Controller- Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
<b>TS 08.58</b>	<b>Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
R98	<i>current version:</i> 7.4.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 smg-30 11/11/1999 7 . 2 . 0 smg-31 16/02/2000 7 . 4 . 0 ETSI Publication 26/05/2000 7 . 4 . 1	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 522

02 December 2002 20:52:48

Server ACTIVE specs R98 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.60</b>	<b>In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels</b>								
R98	current version: 7.3.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: smg-29				Peter Skov				
		G: yes	U:	MCC:	USAI, Paolino				
history (event, available, version,									
smg-29	25/06/2000	7	. 0	. 0	<a href="#">get it</a>	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
smg-30	11/11/1999	7	. 1	. 0	<a href="#">get it</a>	remarks - this release:			
smg-30 bis	06/12/1999	7	. 2	. 0	<a href="#">get it</a>				
ETSI publication	07/09/2000	7	. 2	. 1	<a href="#">get it</a>				
GP-08	19/02/2002	7	. 3	. 0	<a href="#">get it</a>				

---

<b>TS 08.61</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>								
R98	current version: 7.3.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: smg-29				Peter Skov				
		G: yes	U:	MCC:	USAI, Paolino				
history (event, available, version,									
smg-29	25/06/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
smg-30	11/11/1999	7	. 1	. 0	<a href="#">get it</a>	remarks - this release:			
smg-30 bis	06/12/1999	7	. 2	. 0	<a href="#">get it</a>				
Edito	15/12/1999	7	. 2	. 1	<a href="#">get it</a>				
GP-08	19/02/2002	7	. 3	. 0	<a href="#">get it</a>				

---

<b>TS 08.62</b>	<b>Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3</b>								
R98	current version: 7.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.			
	freeze_meeting: smg-29				USAI, Paolino				
		G: yes	U:	MCC:					
history (event, available, version,									
smg-28	12/02/1999	7	. 0	. 0	<a href="#">get it</a>	remarks - general:	SMG11->S4 at SMG#30		
SP-07	15/03/1999	7	. 1	. 0	<a href="#">get it</a>	remarks - this release:	#28: 7.0.0 TSG#7: 7.1.0		
edito	09/08/2000	7	. 1	. 1	<a href="#">get it</a>				

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 523

02 December 2002 20:52:48

Server ACTIVE specs R98 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3**  
R98 *current version: 7.6.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting: smg-29* G: yes U: MCC: THOMASEN, Gert

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 bis 06/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
edito 31/12/1999 7 . 1 . 1 [get it](#)  
smg-31 16/02/2000 7 . 2 . 0 [get it](#)  
smg-31 bis 17/04/2000 7 . 3 . 0 [get it](#)  
GP-02 30/11/2000 7 . 4 . 0 [get it](#)  
GP-06 14/09/2001 7 . 5 . 0 [get it](#)  
GP-07 08/01/2002 7 . 6 . 0 [get it](#)

---

R98 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](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 SONERA Corporation  
*freeze\_meeting: smg-29* G: yes U: MCC: KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 524

02 December 2002 20:52:48

Server ACTIVE specs R98 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

R98 *current version:* 7.11.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
NP-05 08/10/1999 7 . 2 . 0 [get it](#)  
NP-06 13/12/1999 7 . 3 . 0 [get it](#)  
NP-07 15/03/2000 7 . 4 . 0 [get it](#)  
NP-08 21/06/2000 7 . 5 . 0 [get it](#)  
edito 04/09/2000 7 . 5 . 1 [get it](#)  
NP-09 08/11/2000 7 . 6 . 0 [get it](#)  
NP-10 21/12/2000 7 . 7 . 0 [get it](#)  
NP-11 06/04/2001 7 . 8 . 0 [get it](#)  
NP-12 06/07/2001 7 . 9 . 0 [get it](#)  
NP-14 18/01/2002 7 . 10 . 0 [get it](#)  
NP-15 04/04/2002 7 . 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

R98 *current version:* Network (PLMN) 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David  
ETSI Secretariat

*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".  
*remarks - this release:* #29: 7.0.0

## TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98 *current version:* 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".  
*remarks - this release:* #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 525

02 December 2002 20:52:48

Server ACTIVE specs R98 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
R98	current version: 7.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0						<a href="#">get it</a>	remarks - general: N3: "no R99 needed".	remarks - this release: #29: 7.0.0
<hr/>									
<b>TS 09.06</b>	<b>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</b>								
R98	current version: <b>Switched Data Transmission Services</b>	7.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
ETSI Secretariat									
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0						<a href="#">get it</a>	remarks - general: N3: "no R99 needed".	remarks - this release: #29: 7.0.0
<hr/>									
<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
R98	current version: <b>Network (PSTN)</b>	7.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 7 . 0 . 0 smg-28 12/02/1999 7 . 1 . 0 smg-29 25/06/1999 7 . 1 . 1 NP-06 15/12/1999 7 . 2 . 0						<a href="#">get it</a>	remarks - general:	remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0
<hr/>									
<b>TS 09.08</b>	<b>Application of the Base Station System Application Part (BSSAP) on the E-Interface</b>								
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-29	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 smg-30 11/11/1999 7 . 1 . 0 NP-06 13/12/1999 7 . 2 . 0						<a href="#">get it</a>	remarks - general:	remarks - this release: #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0
<hr/>									

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 526

02 December 2002 20:52:49

Server ACTIVE specs R98 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.10</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
R98	current version: Procedures and the Mobile Application Part (MAP)	7.2.0	WG (prime / other):	N4	/-	rapporteur:	KYMALAINEN, Kimmo		
SONERA Corporation									
	freeze_meeting: smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-29	25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
	NP-06	15/12/1999	7	.	1	.	0	<a href="#">get it</a>	remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0
	NP-11	04/04/2001	7	.	2	.	0	<a href="#">get it</a>	

---

<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
R98	current version: 7.0.1		WG (prime / other):	N4	/-	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-28	12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
	ETSI Publication	12/03/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - this release: #28: 7.0.0

---

<b>TS 09.13</b>	<b>Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols</b>								
R98	current version: 7.0.0		WG (prime / other):	N4	/-	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-29		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
	smg-29	25/06/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
									remarks - this release:

---

<b>TS 09.14</b>	<b>Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling</b>								
R98	current version: 7.0.2		WG (prime / other):	SPA	/	N4	rapporteur:	SPORTON, Simon	VODAFONE Group Plc
	freeze_meeting: smg-29		G: yes	U:		MCC:			
history (event, available, version,									
	SPS approval	30/06/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - general: EN 302 646
	ETSI publication	26/09/2000	7	.	0	.	2	<a href="#">get it</a>	remarks - this release: (SPAN1)

---

<b>TS 09.16</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification</b>								
R98	current version: 7.0.1		WG (prime / other):	N1	/-	rapporteur:	MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-29		G: yes	U:		MCC:	JORGENSEN, Per Johan		
history (event, available, version,									
	smg-28	12/02/1999	7	.	0	.	0	<a href="#">get it</a>	remarks - general:
	ETSI Publication	17/08/1999	7	.	0	.	1	<a href="#">get it</a>	remarks - this release:

---

G = required in systems with GERAN access; U = required in systems with UMTS



# 3GPP specification status

Page 527

02 December 2002 20:52:49

Server ACTIVE specs R98 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.18</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>				
R98	current version: 7.5.0	WG (prime / other): N1 / -	rapporteur: MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
<i>history (event, available, version,</i>					
	smg-28	12/02/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:
	smg-29	25/06/1999	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:
	NP-05	08/10/1999	7 . 2 . 0	<a href="#">get it</a>	
	NP-07	15/03/2000	7 . 3 . 0	<a href="#">get it</a>	
	NP-13	02/10/2001	7 . 4 . 0	<a href="#">get it</a>	
	NP-14	04/01/2002	7 . 5 . 0	<a href="#">get it</a>	
<hr/>					
<b>TS 09.31</b>	<b>Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)</b>				
R98	current version: 7.7.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29	G: yes U:	MCC: THOMASEN, Gert		
<i>history (event, available, version,</i>					
	smg-30 bis	06/12/1999	7 . 0 . 0	<a href="#">get it</a>	remarks - general:
	smg-31	16/02/2000	7 . 1 . 0	<a href="#">get it</a>	remarks - this release:
	smg-31b	17/04/2000	7 . 2 . 0	<a href="#">get it</a>	
	smg-32	28/06/2000	7 . 3 . 0	<a href="#">get it</a>	
	GP-01	11/10/2000	7 . 4 . 0	<a href="#">get it</a>	
	ETSI publication		7 . 4 . 1		ETSI format only. Not for 3GPP use.
	GP-06	18/09/2001	7 . 5 . 0	<a href="#">get it</a>	
	GP-07	08/01/2002	7 . 6 . 0	<a href="#">get it</a>	
	GP-10	19/07/2002	7 . 7 . 0	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 528

02 December 2002 20:52:49

Server ACTIVE specs R98 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.60</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface</b>					
R98	<i>current version:</i> 7.9.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	NP-05 08/10/1999	7 . 2 . 0	<a href="#">get it</a>			
	NP-06 15/12/1999	7 . 3 . 0	<a href="#">get it</a>			
	NP-07 15/03/2000	7 . 4 . 0	<a href="#">get it</a>			
	NP-08 21/06/2000	7 . 5 . 0	<a href="#">get it</a>			
	NP-09 31/10/2000	7 . 6 . 0	<a href="#">get it</a>			
	NP-11 02/04/2001	7 . 7 . 0	<a href="#">get it</a>			
	edito 04/07/2001	7 . 7 . 1	<a href="#">get it</a>	prob with figures. Expect an update.		
	make figures visible	09/08/2001	<a href="#">get it</a>			
	NP-13 03/10/2001	7 . 8 . 0	<a href="#">get it</a>			
	NP-16 21/06/2002	7 . 9 . 0	<a href="#">get it</a>			

---

<b>TS 09.61</b>	<b>General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)</b>					
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		
	NP-06 15/12/1999	7 . 2 . 0	<a href="#">get it</a>			
	NP-11 04/04/2001	7 . 3 . 0	<a href="#">get it</a>			
	NP-13 12/10/2001	7 . 4 . 0	<a href="#">get it</a>			
	NP-14 14/01/2002	7 . 5 . 0	<a href="#">get it</a>			
	NP-15 20/03/2002	7 . 6 . 0	<a href="#">get it</a>			
	NP-16 02/07/2002	7 . 7 . 0	<a href="#">get it</a>			

---

<b>TS 09.78</b>	<b>CAMEL Application Part phase 2 (stage 3)</b>					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	NP-08 21/06/2000	7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 529

02 December 2002 20:52:50

Server ACTIVE specs R98 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-16 26/06/2002 7 . 0 . 0  
[get it](#) *remarks - general:*  
*remarks - this release:* 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.

---

**TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles**  
R98 *current version: 7.2.0* WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
GP-04 20/04/2001 7 . 0 . 0  
GP-07 04/01/2002 7 . 1 . 0  
GP-08 19/02/2002 7 . 2 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

R98 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TS 10.00 Digital Cellular Telecommunication System Feature Description**  
R98 *current version: 7.1.0* WG (prime / other): S2 / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* SULTAN, Alain  
*history (event, available, version,*  
smg-27 16/10/1998 7 . 1 . 0  
[get it](#) *remarks - general:*  
*remarks - this release:* #27: 7D1.0

---

**TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1**  
R98 *current version: 7.0.0* WG (prime / other): S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.  
*freeze\_meeting:* smg-29 G: yes U: *MCC:* SULTAN, Alain  
*history (event, available, version,*  
draft 28/08/1998 2 . 0 . 1  
smg-27 09/02/2000 7 . 0 . 0  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 530

02 December 2002 20:52:50

Server ACTIVE specs R98 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR**  
R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT,  
*freeze\_meeting:* smg-29 G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-27 16/10/1998 0 . 0 . 1 [get it](#) *remarks - general:*  
smg-28 12/02/1999 0 . 2 . 0 [get it](#) *remarks - this release:*  
draft 05/02/1999 0 . 2 . 1 [get it](#)

---

R98 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification**  
R98 *current version:* 7.3.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-29 NP /  
T2 /  
SCP  
/ G4  
G: yes U: MCC: SALMERON, Lidia  
*history (event, available, version,*  
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.  
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
smg-31 16/02/2000 7 . 2 . 0 [get it](#)  
editorial correction 16/02/2000 7 . 2 . 1 [get it](#)  
GP-06 06/09/2001 7 . 3 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 531

02 December 2002 20:52:50

Server ACTIVE specs R98 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.11</b>	<b>Specification of the Subscriber Identity Module - Mobile Equipment (SIM -ME) Interface</b>								
R98	<i>current version: 7.7.0</i>			WG (prime / other): T3 / -	rapporteur: GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting: smg-32</i>			G: yes U:	MCC: DIETZE, Claus				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-27 16/10/1998	7	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	smg-28 12/02/1999	7	.	2	.	0	<a href="#">get it</a>		
	smg-29 25/06/1999	7	.	3	.	0	<a href="#">get it</a>		
	smg-30 11/11/1999	7	.	4	.	0	<a href="#">get it</a>		
	smg-31 16/02/2000	7	.	5	.	0	<a href="#">get it</a>		
	smg-32 28/06/2000	7	.	6	.	0	<a href="#">get it</a>		
	edito 24/07/2000	7	.	6	.	1	<a href="#">get it</a>		
	TP-14 17/01/2002	7	.	7	.	0	<a href="#">get it</a>		

---

<b>TS 11.13</b>	<b>Test specification for SIM API for Java card</b>								
R98	<i>current version: 7.4.2</i>			WG (prime / other): T3 / -	rapporteur: LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.			
	<i>freeze_meeting: SP-11</i>			G: yes U:	MCC: DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-10 11/01/2001	1	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	TP-11 16/05/2001	7	.	0	.	0	<a href="#">get it</a>	remarks - this release:	
	edito 08/08/2002	7	.	0	.	1	<a href="#">get it</a>		
	TP-12 12/07/2001	7	.	1	.	0	<a href="#">get it</a>		
	TP-13 12/10/2001	7	.	2	.	0	<a href="#">get it</a>		
	TP-14 01/02/2002	7	.	3	.	0	<a href="#">get it</a>		
	TP-15 04/04/2002	7	.	4	.	0	<a href="#">get it</a>		
	edito post TP-15 12/04/2002	7	.	4	.	1	<a href="#">get it</a>	adds missing annex attachments	
	edito post TP-17 18/09/2002	7	.	4	.	2	<a href="#">get it</a>	changes reference to withdrawn ETSI TS.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 532

02 December 2002 20:52:50

Server ACTIVE specs R98 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>								
R98	<i>current version: 7.7.0</i>			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29								
				<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-27 16/10/1998	7	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-28 12/02/1999	7	.	2	.	0	<a href="#">get it</a>		
	smg-29 25/06/1999	7	.	3	.	0	<a href="#">get it</a>		
	smg-31 16/02/2000	7	.	4	.	0	<a href="#">get it</a>		
	smg-32 28/06/2000	7	.	5	.	0	<a href="#">get it</a>		
	TP-09 18/10/2000	7	.	6	.	0	<a href="#">get it</a>		
	TP-12 06/07/2001	7	.	7	.	0	<a href="#">get it</a>		

---

<b>TS 11.17</b>	<b>SIM test specification</b>								
R98	<i>current version: 7.0.2</i>			<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> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 14/12/1999	7	.	0	.	2	<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>	

---

<b>TS 11.18</b>	<b>Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface</b>								
R98	<i>current version: 7.0.1</i>			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune				NOKIA MOBILE PHONES
	<i>freeze_meeting:</i> smg-29			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-28 12/02/1999	7	.	0	.	0	<a href="#">get it</a>	<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>	
	ETSI Publication 17/08/1999	7	.	0	.	1	<a href="#">get it</a>		

---

<b>TS 11.19</b>	<b>CTS SIM Fixed Part</b>								
R98	<i>current version: 7.0.3</i>			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HUBBE, Pascal				Alcatel Business Systems
	<i>freeze_meeting:</i> smg-29			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 05/09/2000	7	.	0	.	3	<a href="#">get it</a>	<i>remarks - this release: #28: 7.0.0</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 533

02 December 2002 20:52:51

Server ACTIVE specs R98 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.21 Base Station System (BSS) equipment specification; Radio aspects**

R98 *current version: 7.2.1* WG (prime / other): G3 / - rapporteur: VACANT,  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*  
smg-30 11/11/1999 7 . 2 . 0 [get it](#)  
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)

---

**TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters**

R98 *current version: 7.0.0* WG (prime / other): G3 / - rapporteur: VACANT,  
*freeze\_meeting: smg-29* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*  
GP-09 06/05/2002 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: GP-09 (Usai) created to fill the Release gap.*

---

R98 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.03 Security Management**

R98 *current version: 7.0.1* WG (prime / other): S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting: smg-29* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 12.04 Performance data measurements**

R98 *current version: 7.0.0* WG (prime / other): S5 / S1 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting: smg-29* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 534

02 December 2002 20:52:51

Server ACTIVE specs R98 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

<b>TS 12.05</b>	<b>Subscriber Related Call and Event Data</b>					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 17/08/1999 7 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 12.15</b>	<b>General Packet Radio Service (GPRS); GPRS Charging</b>					
R98	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-28 12/02/1999 7 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #27: 7.0.0 #28: 7.1.0 #29: 7.2.0 #30: 7.3.0 S#6: 7.4.0 TSG#7: 7.5.0 TSG#8:7.6.0			
	smg-29 25/06/1999 7 . 2 . 0	<a href="#">get it</a>				
	smg-30 11/11/1999 7 . 3 . 0	<a href="#">get it</a>				
	SP-06 7 . 4 . 0					
	SP-07 15/03/2000 7 . 5 . 0	<a href="#">get it</a>				
	SP-08 21/06/2000 7 . 6 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 12.21</b>	<b>Network Management (NM) procedures and messages on the A-bis interface</b>					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G3 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-09 06/05/2002 7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.			
			<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 535

02 December 2002 20:52:51

Server ACTIVE specs R98 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.71 Location Services (LCS); Location services management

R98  
current version: 7.0.1  
freeze\_meeting: smg-29  
history (event, available, version,  
draft 22/09/1999 0 . 0 . 1  
draft 18/10/1999 0 . 0 . 2  
draft 03/12/1999 0 . 0 . 3  
draft 22/12/1999 0 . 0 . 4  
draft 17/01/2000 0 . 0 . 5  
draft 22/05/2000 2 . 0 . 0  
draft 25/05/2000 2 . 0 . 1  
SP-08 21/06/2000 7 . 0 . 0  
ETSI Publication 30/11/2000 7 . 0 . 1

WG (prime / other): S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: MCC: ZOICAS, Adrian

[get it](#) remarks - general: TSG#11:S5 will no longer maintain.  
[get it](#) remarks - this release: Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## R97

R97 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

R97  
current version: 6.0.1  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-27 12/01/2001 6 . 0 . 0  
edito 16/01/2001 6 . 0 . 1

WG (prime / other): S1 / GP / NP rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S  
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TR 01.04 Abbreviations and acronyms

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-27 15/11/2000 6 . 0 . 0

WG (prime / other): GP / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:  
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 536

02 December 2002 20:52:51

Server ACTIVE specs R97 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

## TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 01/12/2000 6 . 0 . 0  
edito 16/01/2001 6 . 0 . 1

*WG (prime / other):* S1 / - *rapporteur:* GRAETZ, Ingeborg  
*G: yes U:* *MCC:* CLAYTON, Michael SIEMENS AG

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TR 01.60 GPRS requirements

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0

*WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael  
*G: yes U:* *MCC:* CLAYTON, Michael EMCOM Ltd

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0  
Editorial correction 20/03/1998 6 . 0 . 1

*WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael  
*G: yes U:* *MCC:* POPE, Maurice VODAFONE Group Plc

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)

R97 *current version:* 6.2.0  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0  
smg-28 12/02/1999 6 . 1 . 0  
smg-29 26/06/1999 6 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi  
*G: yes U:* *MCC:* CLAYTON, Michael NOKIA Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 537

02 December 2002 20:52:52

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>								
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-28 12/02/1999	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	Editorial correction 12/02/1999	6 . 1 . 1		<a href="#">get it</a>					
<hr/>									
<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>								
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.04</b>	<b>General on Supplementary Services</b>								
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-28 12/02/1999	6 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-29 25/06/1999	6 . 1 . 1		<a href="#">get it</a>					
<hr/>									
<b>TS 02.06</b>	<b>Types of Mobile Stations (MS)</b>								
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	JEAL, David	VODA FONE Group Plc			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1999	6 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	ETSI publication 26/05/1999	6 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-28 12/02/1999	6 . 1 . 0		<a href="#">get it</a>					
	ETSI publication 04/08/1999	6 . 1 . 1		<a href="#">get it</a>					

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 538

02 December 2002 20:52:52

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>								
R97	current version: 6.2.0			WG (prime / other):	S1 / -	rapporteur:	JEAL, David		VODAFONE Group Plc
	freeze_meeting: smg-26			G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,								
	smg-25 20/03/1998	6	.	0	.	0			
	smg-26 20/06/1998	6	.	1	.	0	<a href="#">get it</a>	remarks - general:	
	SP-07 17/03/2000	6	.	2	.	0	<a href="#">get it</a>	remarks - this release:	
							<a href="#">get it</a>		
<hr/>									
<b>TS 02.09</b>	<b>Security aspects</b>								
R97	current version: 6.1.1			WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,		Telia Promotor AB
	freeze_meeting: smg-26			G: yes	U:	MCC:	Per		
	history (event, available, version,						POPE, Maurice		
	smg-27 16/10/1998	6	.	0	.	0			
	ETSI publication 26/05/1999	6	.	0	.	1	<a href="#">get it</a>	remarks - general:	
	smg-31 16/02/2000	6	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	ETSI publication 29/08/2000	6	.	1	.	1	<a href="#">get it</a>		
							<a href="#">get it</a>		
<hr/>									
<b>TS 02.11</b>	<b>Service Accessibility</b>								
R97	current version: 6.1.0			WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne		France Telecom
	freeze_meeting: smg-26			G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,								
	smg-26 26/06/1998	6	.	0	.	0			
	SP-11 02/04/2001	6	.	1	.	0	<a href="#">get it</a>	remarks - general:	
							<a href="#">get it</a>	remarks - this release:	
<hr/>									
<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IMEI)</b>								
R97	current version: 6.2.0			WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne		France Telecom
	freeze_meeting: smg-26			G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,								
	smg-27 16/10/1998	6	.	0	.	0			
	smg-30 11/11/1999	6	.	1	.	0	<a href="#">get it</a>	remarks - general:	
	SP-08 28/06/2000	6	.	2	.	0	<a href="#">get it</a>	remarks - this release:	
							<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 539

02 December 2002 20:52:52

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
R97	current version: 6.0.0	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD		
	freeze_meeting: smg-26	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<hr/>						
<b>TS 02.22</b>	<b>Stage 1 for personalisation of GSM ME</b>					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: DURAND, Romain	ALCATEL S.A.		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<hr/>						
<b>TS 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>					
R97	current version: 6.0.1	WG (prime / other): S1 /	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
<hr/>						
<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
R97	current version: 6.1.0	WG (prime / other): S1 /	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	edito 26/06/1998 6 . 0 . 1	<a href="#">get it</a>	remarks - this release:			
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 540

02 December 2002 20:52:52

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<hr/>						
<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	...,	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<hr/>						
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				<a href="#">get it</a>	remarks - general:	
					remarks - this release:	
<hr/>						
<b>TS 02.48</b>	<b>Security mechanisms for the SIM Application Toolkit; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0					
				<a href="#">get it</a>	remarks - general: SMG9->T3@#31	
					remarks - this release:	
<hr/>						
<b>TS 02.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>					
R97	current version: none	WG (prime / other):	S4 /	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
					remarks - general: SMG11->S4 at SMG#30	
					remarks - this release: No spec this Release	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 541

02 December 2002 20:52:53

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0  
ETSI publication 01/12/1998 6 . 1 . 1 [get it](#)  
smg-28 12/02/1999 6 . 2 . 0 [get it](#)  
ETSI publication 04/08/1999 6 . 2 . 1 [get it](#)  
SP-05 14/10/1999 6 . 3 . 0 [get it](#)  
ETSI publication 28/11/2000 6 . 3 . 1 [get it](#)

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
G: yes U: *MCC:* CLAYTON, Michael

## TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
G: yes U: *MCC:* CLAYTON, Michael

## TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*  
smg-29 25/06/1999 6 . 1 . 0 [get it](#)  
Editorial correction 25/07/1999 6 . 1 . 1 [get it](#)

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
G: yes U: *MCC:* CLAYTON, Michael

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 06/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
publish EN 300 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*  
925

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
G: yes U: *MCC:* CLAYTON, Michael

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 542

02 December 2002 20:52:53

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.69</b>	<b>Voice Broadcast Service (VBS); Stage 1</b>					
R97	current version: 6.0.1	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	<a href="#">get it</a>	remarks - this release: #27: 6.0.0			
<hr/>						
<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>					
R97	current version: 6.6.1	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 6 . 3 . 0	<a href="#">get it</a>				
	SP-05 14/10/1999 6 . 4 . 0	<a href="#">get it</a>				
	SP-10 12/01/2001 6 . 5 . 0	<a href="#">get it</a>				
	SP-14 14/01/2002 6 . 6 . 0	<a href="#">get it</a>				
	SP-14 minor 17/01/2002 6 . 6 . 1	<a href="#">get it</a>				
	correction					
<hr/>						
<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: FREY, Sophie	Indicate persons who left Company and wait for new One		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>					
R97	current version: 6.0.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TELIA AB		
	freeze_meeting: smg-26	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #27: 6.0.0			

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 543

02 December 2002 20:52:53

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			
<hr/>						
<b>TS 02.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			
<hr/>						
<b>TS 02.84</b>	<b>MultiParty (MPTY) Supplementary Services; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POSTMANN, Erwin	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			
<hr/>						
<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TELIA AB		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			
<hr/>						
<b>TS 02.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 1</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CRAWFORD, Ian	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 544

02 December 2002 20:52:53

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**  
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: CLAYTON, Michael  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

---

**TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1**  
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: CLAYTON, Michael  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

---

**TS 02.91 Explicit Call Transfer (ECT)**  
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: CLAYTON, Michael  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

---

**TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1**  
R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: CLAYTON, Michael  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1*

---

**TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1**  
R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: CLAYTON, Michael  
*history (event, available, version,*  
smg-27 15/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #27: 6.0.0*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 545

02 December 2002 20:52:54

Server ACTIVE specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.96 Name Identification Supplementary Services; Stage 1

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

R97

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.01 Network Functions

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* SULTAN, Alain  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7  
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #27: 6.0.0 #28: 6.1.0

## TS 03.02 Network Architecture

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* SULTAN, Alain  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 546

02 December 2002 20:52:54

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>					
R97	current version: 6.7.0	WG (prime / other):	N4 / T2	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>		remarks - this release:		
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 6 . 3 . 0	<a href="#">get it</a>				
	NP-05 14/10/1999 6 . 4 . 0	<a href="#">get it</a>				
	NP-07 17/03/2000 6 . 5 . 0	<a href="#">get it</a>				
	NP-08 28/06/2000 6 . 6 . 0	<a href="#">get it</a>				
	NP-16 26/06/2002 6 . 7 . 0	<a href="#">get it</a>				
	SA did not approve companion CRs to 02.16.					
<hr/>						
<b>TR 03.05</b>	<b>Technical performance objectives</b>					
R97	current version: 6.0.0	WG (prime / other):	NP / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
<b>TS 03.07</b>	<b>Restoration Procedures</b>					
R97	current version: 6.2.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: smg-26	G: yes U:		MCC:	Chalmers KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>		remarks - this release:		
	smg-29 25/06/1999 6 . 2 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 547

02 December 2002 20:52:54

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>				
R97	current version: 6.5.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-27 16/10/1998 6 . 2 . 0	<a href="#">get it</a>			
	smg-28 12/02/1999 6 . 3 . 0	<a href="#">get it</a>			
	NP-07 15/03/2000 6 . 4 . 0	<a href="#">get it</a>			
	NP-09 31/10/2000 6 . 5 . 0	<a href="#">get it</a>			

---

<b>TS 03.09</b>	<b>Handover Procedures</b>				
R97	current version: 6.0.0	WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated	
	freeze_meeting: smg-26	G: yes U:	Rouzbeh		
	history (event, available, version,		MCC: JORGENSEN, Per Johan		
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #27: 6.0.0		

---

<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>				
R97	current version: 6.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-26	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-27 18/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		

---

<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>				
R97	current version: 6.0.1	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	<a href="#">get it</a>	remarks - this release: #27: 6.0.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 548

02 December 2002 20:52:54

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.12</b>	<b>Location Registration Procedures</b>				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>				
R97	current version: 6.0.0	WG (prime / other): G1 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>				
R97	current version: 6.0.0	WG (prime / other): N1 / -	rapporteur: ZAUS, Robert	SIEMENS AG	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0				<a href="#">get it</a> remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>				
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD	
	freeze_meeting: smg-26	G: yes U:	Chalmers		
	history (event, available, version,		MCC: KYMALAINEN, Kimmo		
	smg-26 26/06/1998 6 . 0 . 0				<a href="#">get it</a> remarks - general:
	smg-29 25/06/1999 6 . 1 . 0				<a href="#">get it</a> remarks - this release: #26: 6.0.0 SMG#29: 6.1.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 549

02 December 2002 20:52:54

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](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,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-09	13/10/2000	6	.	5	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.18 Basic Call Handling

R97 current version: 6.7.0

freeze\_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-05	13/10/1999	6	.	5	.	0
NP-07	17/03/2000	6	.	6	.	0
NP-09	04/10/2000	6	.	7	.	0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
G: yes U: MCC: Chalmers  
KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.20 Security-related Network Functions

R97 current version: 6.1.0

freeze\_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-29	25/06/1999	6	.	1	.	0

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom  
G: yes U: MCC: Sebastien  
POPE, Maurice

[get it](#) remarks - general:  
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 550

02 December 2002 20:52:55

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>					
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26		Peter Skov			
		G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> group receive mode".			
	smg-29 26/06/1999 6 . 2 . 0	<a href="#">get it</a>				
	SP-11 11/04/2001 6 . 3 . 0	<a href="#">get it</a>				

---

<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26		Peter Skov			
		G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

---

<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TELIA AB		
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	Editorial update 26/07/1998 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #26: 6.0.0			

---

<b>TS 03.32</b>	<b>Universal Geographical Area Description (GAD)</b>					
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: SULTAN, Alain			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #27: 6.0.0			

---

<b>TS 03.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 2</b>					
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: JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<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



# 3GPP specification status

Page 551

02 December 2002 20:52:55

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.38</b>	<b>Alphabets and language-specific information</b>								
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Teleca Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
	Editorial correction 20/04/1998	6 . 0 . 1						<a href="#">get it</a>	<i>remarks - this release: #25: 6.0.0</i>
<hr/>									
<b>TS 03.40</b>	<b>Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)</b>								
R97	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Teleca Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
	smg-26 26/06/1998	6 . 1 . 0						<a href="#">get it</a>	<i>remarks - this release: #23: 6D1.0 #24: 6D2.0</i>
	TP-14 11/01/2002	6 . 2 . 0						<a href="#">get it</a>	
<hr/>									
<b>TS 03.41</b>	<b>Technical Realization of Short Message Service Cell Broadcast (SMSCB)</b>								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Teleca Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
	smg-26 26/06/1998	6 . 1 . 0						<a href="#">get it</a>	<i>remarks - this release:</i>
<hr/>									
<b>TS 03.42</b>	<b>SMS Compression</b>								
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Teleca Limited		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release: #27: 6.0.0</i>
<hr/>									
<b>TR 03.43</b>	<b>Support of Videotex</b>								
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> DI TRIA, Paolo		Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0						<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release: #27: 6.0.0</i>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 552

02 December 2002 20:52:55

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent**  
R97 *current version:* 6.0.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 16/10/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent**  
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**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, Vodafone D2 GmbH  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 03.48 Security mechanisms for SIM application toolkit; Stage 2**  
R97 *current version:* 6.2.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* DIETZE, Claus  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 6 . 2 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 553

02 December 2002 20:52:55

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>				
R97	current version: 6.1.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	freeze_meeting: smg-26				
	history (event, available, version,	G: yes U:	MCC: RODERMUND, Friedhelm		
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
<hr/>					
<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>				
R97	current version: 6.2.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: smg-26				
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino		
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-28 12/02/1999 6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #27: 6.0.0 #28: 6.1.0 #32:6.2.0		
	ETSI publication 21/07/1999 6 . 1 . 1	<a href="#">get it</a>			
	smg-32 20/06/2000 6 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 30/11/2000 6 . 2 . 1	<a href="#">get it</a>			
<hr/>					
<b>TS 03.54</b>	<b>Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-26				
	history (event, available, version,	G: yes U:	MCC: BOSWARTHICK, David		
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #27: 6.0.0		
<hr/>					
<b>TR 03.58</b>	<b>Characterisation, test methods and quality assessment for handsfree Mobile Stations(MSs)</b>				
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom	
	freeze_meeting: smg-26				
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino		
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	<a href="#">get it</a>	remarks - this release: #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 554

02 December 2002 20:52:56

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](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:* DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: SULTAN, Alain

*history (event, available, version,*

smg-25	20/03/1998	6	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-26	26/06/1998	6	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
edito	28/07/1998	6	.	1	.	1	<a href="#">get it</a>	
smg-27	16/10/1998	6	.	2	.	0	<a href="#">get it</a>	
smg-28	12/02/1999	6	.	3	.	0	<a href="#">get it</a>	
ETSI Vote	13/04/1999	6	.	3	.	1	<a href="#">get it</a>	
ETSI publication	21/07/1999	6	.	3	.	2	<a href="#">get it</a>	
smg-29	25/06/1999	6	.	4	.	0	<a href="#">get it</a>	
ETSI publication	29/12/1999	6	.	4	.	1	<a href="#">get it</a>	
SP-05	13/10/1999	6	.	5	.	0	<a href="#">get it</a>	
SP-06	17/12/1999	6	.	6	.	0	<a href="#">get it</a>	
ETSI publication	07/07/2000	6	.	6	.	1	<a href="#">get it</a>	
SP-07	17/03/2000	6	.	7	.	0	<a href="#">get it</a>	
ETSI publication	22/09/2000	6	.	7	.	1	<a href="#">get it</a>	
SP-11	19/04/2001	6	.	8	.	0	<a href="#">get it</a>	
SP-12	16/08/2001	6	.	9	.	0	<a href="#">get it</a>	
SP-14	08/01/2002	6	.	10	.	0	<a href="#">get it</a>	
edito	29/07/2002	6	.	10	.	1	<a href="#">get it</a>	
SP-17	02/10/2002	6	.	11	.	0	<a href="#">get it</a>	

---

## TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G: yes U:* MCC: JORGENSEN, Per Johan

*history (event, available, version,*

smg-27	16/10/1998	6	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
								<i>remarks - this release:</i>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 555

02 December 2002 20:52:56

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.64</b>	<b>General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2</b>				
R97	current version: 6.4.0	WG (prime / other): G1 / -	rapporteur: LEPPISAARI, Arto	NOKIA Corporation	
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998 6 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
	smg-27 16/10/1998 6 . 1 . 0	<a href="#">get it</a>			
	ETSI OAP 27/05/2000 6 . 1 . 1	<a href="#">get it</a>			
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>			
	smg-29 25/06/1999 6 . 3 . 0	<a href="#">get it</a>			
	smg-30 11/11/1999 6 . 4 . 0	<a href="#">get it</a>			

---

<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>				
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-07 17/03/2000 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:		

---

<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>				
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0		
	smg post SP-07 30/10/1998 6 . 2 . 0	<a href="#">get it</a>			
	NP-09 12/10/2000 6 . 3 . 0	<a href="#">get it</a>			

---

<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>				
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0		
	smg post SP-07 30/03/2000 6 . 2 . 0	<a href="#">get it</a>			
	NP-09 12/10/2000 6 . 3 . 0	<a href="#">get it</a>			

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 556

02 December 2002 20:52:56

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97 current version: 6.0.0  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat  
G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".  
remarks - this release: #27: 6.0.0

## TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 current version: 6.11.1  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 1 . 0  
ETSI publication 27/08/1998 6 . 1 . 1  
smg-27 16/10/1998 6 . 2 . 0  
smg-28 12/02/1999 6 . 3 . 0  
smg-29 25/06/1999 6 . 4 . 0  
NP-05 13/10/1999 6 . 5 . 0  
NP-07 17/03/2000 6 . 6 . 0  
NP-08 23/06/2000 6 . 7 . 0  
NP-10 04/01/2001 6 . 8 . 0  
NP-12 29/06/2001 6 . 9 . 0  
edito 02/07/2001 6 . 9 . 1  
NP-14 04/01/2002 6 . 10 . 0  
NP-16 17/06/2002 6 . 11 . 0  
Editorial correction 21/08/2002 6 . 11 . 1  
to SDLs

WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.  
G: yes U: MCC: JURISIC, Andrijana

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R97 current version: 6.3.0  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0  
smg-29 25/06/1999 6 . 1 . 0  
NP-05 13/10/1999 6 . 2 . 0  
NP-07 17/03/2000 6 . 3 . 0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 557

02 December 2002 20:52:57

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				SONERA Corporation
	smg-27 16/10/1998 6 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release: #27: 6.0.0	
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
R97	current version: 6.1.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				SONERA Corporation
	smg-27 16/10/1998 6 . 0 . 0				
	smg-29 25/06/1999 6 . 1 . 0				
		<a href="#">get it</a>		remarks - general:	
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0 #29: 6.1.0	
<hr/>					
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				NORTEL NETWORKS (EUROPE)
	smg-27 16/10/1998 6 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release: #27: 6.0.0	
<hr/>					
<b>TS 03.84</b>	<b>Multi Party (MPTY) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				T-MOBILE DEUTSCHLAND
	smg-27 16/10/1998 6 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release: #27: 6.0.0	
<hr/>					
<b>TS 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				SIEMENS AG
	smg-27 16/10/1998 6 . 0 . 0				
		<a href="#">get it</a>		remarks - general:	
				remarks - this release:	

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 558

02 December 2002 20:52:57

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 2</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
Editorial correction	16/11/1998	6 . 0 . 1		<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 03.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil	mmO2 plc
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 03.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 2</b>					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 03.93</b>	<b>Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2</b>					
R97	current version: 6.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-25	20/03/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0		<a href="#">get it</a>	remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0	
smg-27	16/10/1998	6 . 2 . 0		<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 559

02 December 2002 20:52:57

Server ACTIVE specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

R97 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

## TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

## TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 560

02 December 2002 20:52:57

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.04 Layer 1 - General Requirements

R97 *current version:* 6.0.0  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0

*WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*G: yes U:* *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 04.05 Data Link (DL) Layer General Aspects

R97 *current version:* 6.0.1  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0  
Editorial correction 16/11/1998 6 . 0 . 1

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

---

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R97 *current version:* 6.2.1  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0  
ETSI publication 01/09/1999 6 . 0 . 1  
smg-29 25/06/1999 6 . 1 . 0  
ETSI publication 14/12/1999 6 . 1 . 1  
smg-31 16/02/2000 6 . 2 . 0  
ETSI publication 29/09/2000 6 . 2 . 1

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

R97	<i>current version:</i> 6.5.1				WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26				G: yes U:	MCC: JORGENSEN, Per Johan	
<i>history (event, available, version,</i>							
smg-25	20/03/1998	6	.	0	.	0	
smg-26	26/06/1998	6	.	1	.	0	<a href="#">get it</a> <i>remarks - general:</i>
smg-27	16/10/1998	6	.	2	.	0	<a href="#">get it</a> <i>remarks - this release:</i>
ETSI publication	04/12/1998	6	.	2	.	1	<a href="#">get it</a>
smg-28	12/02/1999	6	.	3	.	0	<a href="#">get it</a>
smg-29	25/06/1999	6	.	4	.	0	<a href="#">get it</a>
NP-05	13/10/1999	6	.	5	.	0	<a href="#">get it</a>
Editorial correction	13/11/1999	6	.	5	.	1	<a href="#">get it</a>



# 3GPP specification status

Page 563

02 December 2002 20:52:58

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	Editorial correction 20/04/1998 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	Editorial correction 20/04/1998 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	NP-09 12/10/2000 6 . 1 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	Editorial correction 16/11/1998 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #27: 6.0.0</i>			
<hr/>						
<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	Editorial correction 16/10/1998 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #27: 6.0.0</i>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 564

02 December 2002 20:52:58

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
R97	current version: 6.3.1	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes	U:	MCC:	THOMASEN, Gert				
history (event, available, version,									
smg-27	16/10/1998	6	.	0	.	0	<a href="#">get it</a>	remarks - general:	
smg-30	11/11/1999	6	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
smg-32	28/06/2000	6	.	2	.	0	<a href="#">get it</a>		
GP-10	19/07/2002	6	.	3	.	0	<a href="#">get it</a>		
post GP-10 edito	23/07/2002	6	.	3	.	1	<a href="#">get it</a>	Misplaced figure, clause 5.3.1.	

---

<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>								
R97	current version: 6.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-27	16/10/1998	6	.	0	.	0	<a href="#">get it</a>	remarks - general:	
NP-08	23/06/2000	6	.	1	.	0	<a href="#">get it</a>	remarks - this release: #27: 6.0.0 TSG#8:6.1.0	

---

<b>TS 04.22</b>	<b>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</b>								
R97	current version: <b>Switching Centre (BSS - MSC) interface</b>	6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-26		G: yes	U:		MCC:	BOSWARTHICK, David		
history (event, available, version,									
smg-26	26/06/1998	6	.	0	.	0	<a href="#">get it</a>	remarks - general:	
smg-27	16/10/1998	6	.	1	.	0	<a href="#">get it</a>	remarks - this release: #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0	
NP-06	17/12/1999	6	.	2	.	0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 565

02 December 2002 20:52:59

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol**

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*

draft	20/12/1997	0	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
draft	20/03/1998	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - this release:</i>
draft	20/03/1998	2	.	0	.	0		<a href="#">get it</a>	
smg-25	20/03/1998	6	.	0	.	0		<a href="#">get it</a>	
smg-26	26/06/1998	6	.	1	.	0		<a href="#">get it</a>	
smg-27	16/10/1998	6	.	2	.	0		<a href="#">get it</a>	
smg-28	12/02/1999	6	.	3	.	0		<a href="#">get it</a>	
ETSI publication	14/06/1999	6	.	3	.	1		<a href="#">get it</a>	
smg-29	25/06/1999	6	.	4	.	0		<a href="#">get it</a>	
ETSI publication	16/12/1999	6	.	4	.	1		<a href="#">get it</a>	
smg-30	11/11/1999	6	.	5	.	0		<a href="#">get it</a>	
smg-30 bis	06/12/1999	6	.	6	.	0		<a href="#">get it</a>	
ETSI publication	05/07/2000	6	.	6	.	1		<a href="#">get it</a>	
smg-31	16/02/2000	6	.	7	.	0		<a href="#">get it</a>	
ETSI publication	29/09/2000	6	.	7	.	1		<a href="#">get it</a>	
smg-31 bis	17/04/2000	6	.	8	.	0		<a href="#">get it</a>	
ETSI publication	17/10/2000	6	.	8	.	1		<a href="#">get it</a>	
smg-32	20/06/2000	6	.	9	.	0		<a href="#">get it</a>	
GP-01	11/10/2000	6	.	10	.	0		<a href="#">get it</a>	
GP-02	27/11/2000	6	.	11	.	0		<a href="#">get it</a>	
GP-03	31/01/2001	6	.	12	.	0		<a href="#">get it</a>	
GP-04	04/05/2001	6	.	13	.	0		<a href="#">get it</a>	
GP-10	19/07/2002	6	.	14	.	0		<a href="#">get it</a>	

---

**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:* JACOBSONH, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version,*

smg-27	16/10/1998	6	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i>
--------	------------	---	---	---	---	---	--	------------------------	---

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 566

02 December 2002 20:52:59

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.64</b>	<b>General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification</b>				
R97	current version: 6.10.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-27 16/10/1998	6 . 2 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	6 . 3 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	6 . 4 . 0	<a href="#">get it</a>		
	smg-30 11/11/1999	6 . 5 . 0	<a href="#">get it</a>		
	NP-06 17/12/1999	6 . 6 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	6 . 7 . 0	<a href="#">get it</a>		
	NP-10 02/01/2001	6 . 8 . 0	<a href="#">get it</a>		
	NP-13 02/10/2001	6 . 9 . 0	<a href="#">get it</a>		
	NP-14 04/01/2002	6 . 10 . 0	<a href="#">get it</a>		

---

<b>TS 04.65</b>	<b>General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)</b>				
R97	current version: 6.7.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-25 20/03/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:	24.065 existed, but scrapped since 04.65 is GSM only.
	smg-26 26/06/1998	6 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-27 16/10/1998	6 . 2 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	6 . 3 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	6 . 4 . 0	<a href="#">get it</a>		
	smg-30 11/11/1999	6 . 5 . 0	<a href="#">get it</a>		
	NP-06 17/12/1999	6 . 6 . 0	<a href="#">get it</a>		
	smg-31 16/02/2000	6 . 7 . 0	<a href="#">get it</a>		

---

<b>TS 04.67</b>	<b>Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3</b>				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-27 16/10/1998	6 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	Editorial correction 16/11/1998	6 . 0 . 1	<a href="#">get it</a>	remarks - this release:	#27: 6.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 567

02 December 2002 20:52:59

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>						
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	smg-27 16/10/1998	6	. 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1998	6	. 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-30 11/11/1999	6	. 2 . 0	<a href="#">get it</a>			
	NP-07 17/03/2000	6	. 3 . 0	<a href="#">get it</a>			

---

<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>						
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	smg-27 16/10/1998	6	. 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-29 25/06/1999	6	. 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-30 11/11/1999	6	. 2 . 0	<a href="#">get it</a>			
	NP-07 17/03/2000	6	. 3 . 0	<a href="#">get it</a>			

---

<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>						
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	smg-25 20/03/1998	6	. 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998	6	. 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-28 12/02/1999	6	. 1 . 1	<a href="#">get it</a>			

---

<b>TS 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>						
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	smg-27 16/10/1998	6	. 0 . 0	<a href="#">get it</a>	remarks - general:		
	Editorial correction 16/11/1998	6	. 0 . 1	<a href="#">get it</a>	remarks - this release: #27: 6.0.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 568

02 December 2002 20:53:00

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-27 16/10/1998								
	6 . 0 . 0								
	Editorial correction 16/11/1998								
	6 . 0 . 1								
		<a href="#">get it</a>		remarks - general:					
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0					
<hr/>									
<b>TS 04.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3</b>								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-27 16/10/1998								
	6 . 0 . 0								
	Editorial correction 16/11/1998								
	6 . 0 . 1								
		<a href="#">get it</a>		remarks - general:					
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0					
<hr/>									
<b>TS 04.84</b>	<b>Multi Party (MPY) Supplementary Services; Stage 3</b>								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-27 16/10/1998								
	6 . 0 . 0								
	Editorial correction 16/11/1998								
	6 . 0 . 1								
		<a href="#">get it</a>		remarks - general:					
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0					
<hr/>									
<b>TS 04.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 3</b>								
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-27 16/10/1998								
	6 . 0 . 0								
		<a href="#">get it</a>		remarks - general:					
				remarks - this release: #27: 6.0.0					
<hr/>									
<b>TS 04.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 3</b>								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-27 16/10/1998								
	6 . 0 . 0								
	Editorial correction 16/11/1998								
	6 . 0 . 1								
		<a href="#">get it</a>		remarks - general:					
		<a href="#">get it</a>		remarks - this release: #27: 6.0.0					

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 569

02 December 2002 20:53:00

Server ACTIVE specs R97 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 3</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	<a href="#">get it</a>		remarks - this release: #25: 6.0.0		
<hr/>						
<b>TS 04.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	<a href="#">get it</a>		remarks - this release: #27: 6.0.0		
<hr/>						
<b>TS 04.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	<to be defined> 16/11/1998 6 . 0 . 1	<a href="#">get it</a>		remarks - this release: #27: 6.0.0		
<hr/>						
<b>TS 04.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS); Stage 3</b>					
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>		remarks - this release: #25: 6.0.0 #26: 6.1.0 #28:6.1.1		
	smg-28 12/02/1999 6 . 1 . 1	<a href="#">get it</a>				
<hr/>						
<b>TS 04.96</b>	<b>Name Identification Supplementary Services; Stage 3</b>					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	<a href="#">get it</a>		remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)		

---

G = required in systems with GERAN access; U = required in systems with UMTS

R97 **05** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](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

*freeze\_meeting:* smg-26

*history (event, available, version,*

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

ETSI Publication 20/04/1998 6 . 1 . 1

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri

NOKIA MOBILE PHONES

*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

**TS 05.02 Multiplexing and Multiple Access on the Radio Path**

R97 *current version:* 6.10.0

*freeze\_meeting:* smg-26

*history (event, available, version,*

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-26 26/06/1998 6 . 2 . 0

smg-27 16/10/1998 6 . 3 . 0

ETSI publication 09/03/1999 6 . 3 . 1

smg-28 12/02/1999 6 . 4 . 0

ETSI publication 04/08/1999 6 . 4 . 1

smg-29 25/06/1999 6 . 5 . 0

smg-30 11/11/1999 6 . 6 . 0

smg-30 bis 06/12/1999 6 . 7 . 0

ETSI publication 17/07/2000 6 . 7 . 1

smg-31 16/02/2000 6 . 8 . 0

ETSI publication 29/09/2000 6 . 8 . 1

smg-31 bis 17/04/2000 6 . 9 . 0

ETSI publication 17/10/2000 6 . 9 . 1

edito 02/05/2001 6 . 9 . 2

GP-06 01/10/2001 6 . 10 . 0

*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](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 571

02 December 2002 20:53:01

Server ACTIVE specs R97 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.03 Channel coding

R97 current version: 6.2.1

freeze\_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-28 12/02/1999 6 . 2 . 0

ETSI Publication 12/03/1999 6 . 2 . 1

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

[get it](#)

[get it](#)

## TS 05.04 Modulation

R97 current version: 6.1.1

freeze\_meeting: smg-26

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

ETSI publication 09/02/1999 6 . 0 . 1

smg-30 bis 06/12/1999 6 . 1 . 0

ETSI publication 20/06/2000 6 . 1 . 1

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

## TS 05.05 Radio Transmission and Reception

R97 current version: 6.8.0

freeze\_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-26 26/06/1998 6 . 2 . 0

smg-27 16/10/1998 6 . 3 . 0

ETSI publication 09/03/1999 6 . 3 . 1

smg-28 12/02/1999 6 . 4 . 0

ETSI publication 04/06/1999 6 . 4 . 1

smg-29 25/06/1999 6 . 5 . 0

ETSI publication 14/12/1999 6 . 5 . 1

smg-30 11/11/1999 6 . 6 . 0

smg-31 16/02/2000 6 . 7 . 0

ETSI publication 29/09/2000 6 . 7 . 1

GP-01 09/10/2000 6 . 8 . 0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 572

02 December 2002 20:53:01

Server ACTIVE specs R97 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio Subsystem Link Control

R97 current version: 6.9.0

freeze\_meeting: smg-26

history (event, available, version,

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
edito	20/03/1998	6	.	1	.	1
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	04/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
smg-30 bis	06/12/1999	6	.	7	.	0
edito	01/02/2000	6	.	7	.	1
smg-31 bis	17/04/2000	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	10/10/2000	6	.	9	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer  
G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0

freeze\_meeting: smg-26

history (event, available, version,

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	14/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
ETSI publication	29/05/2001	6	.	6	.	1
GP-02	24/11/2000	6	.	7	.	0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 573

02 December 2002 20:53:02

Server ACTIVE specs R97 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

<b>TS 05.14</b>	<b>Release independent frequency bands; Implementation guidelines</b>					
R97	current version: 6.2.0	WG (prime / other):	G1 / G2	rapporteur:	KANGAS, Antti	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-02 05/01/2001 6 . 0 . 0	<a href="#">get it</a>		remarks - general:	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
	GP-05 03/01/2002 6 . 1 . 0	<a href="#">get it</a>		remarks - this release:	Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
Changed from G2 to G1 at same time.						
					R97 record created at same time (originally was only R99 and R98).	
	GP-10 19/07/2002 6 . 2 . 0	<a href="#">get it</a>				
<b>TR 05.22</b>	<b>Radio link management in hierarchical networks</b>					
R97	current version: 6.0.0	WG (prime / other):	G1 / -	rapporteur:	VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:	#27: 6.0.0	
<b>TR 05.50</b>	<b>Background for RF Requirements</b>					
R97	current version: 6.1.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	smg-24 19/12/1997 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-31 16/02/2000 6 . 1 . 0	<a href="#">get it</a>		remarks - this release:	#24: 6.0.0 #31:6.1.0	
<b>TR 05.90</b>	<b>GSM Electromagnetic Compatibility (EMC) considerations</b>					
R97	current version: 6.0.1	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 10/04/2001 6 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI publication 12/11/2001 6 . 0 . 1	<a href="#">get it</a>		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](http://www.3gpp.org/ftp/Specs/archive/06_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 574

02 December 2002 20:53:02

Server ACTIVE specs R97 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0				
<hr/>									
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>								
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
					remarks - this release: #27: 6.0.0				

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 575

02 December 2002 20:53:02

Server ACTIVE specs R97 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>					
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	smg-32 20/06/2000 6 . 1 . 0			<a href="#">get it</a>	remarks - this release:	
ETSI Publication	30/11/2000 6 . 1 . 1			<a href="#">get it</a>		
SP-12	29/06/2001 6 . 2 . 0			<a href="#">get it</a>		

---

<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
ETSI Publication	16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

---

<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
R97	current version: 6.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
ETSI Publication	16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
SP-12	29/06/2001 6 . 1 . 0			<a href="#">get it</a>		

---

<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
Editorial correction	16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

---

<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
ETSI Publication	16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 576

02 December 2002 20:53:02

Server ACTIVE specs R97 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	
<hr/>						
<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:	
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 577

02 December 2002 20:53:03

Server ACTIVE specs R97 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI publication 04/06/1999 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0			
	smg-32 20/06/2000 6 . 1 . 0	<a href="#">get it</a>				
	ETSI publication 30/11/2000 6 . 1 . 1	<a href="#">get it</a>				
	SP-10 20/12/2000 6 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec</b>					
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,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI publication 01/09/1999 6 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-32 20/06/2000 6 . 1 . 0	<a href="#">get it</a>				
	SP-10 20/12/2000 6 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	<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

# 3GPP specification status

Page 578

02 December 2002 20:53:03

Server ACTIVE specs R97 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 04/06/1999 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0				
<hr/>									
<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>								
R97	current version: 6.1.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	smg-30 11/11/1999 6 . 1 . 0			<a href="#">get it</a>	remarks - this release: #27: 6.0.0 #30: 6.1.0				
	ETSI Publication 09/05/2000 6 . 1 . 1			<a href="#">get it</a>					
<hr/>									
<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			<a href="#">get it</a>	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			<a href="#">get it</a>	remarks - this release: #27: 6.0.0				

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 579

02 December 2002 20:53:03

Server ACTIVE specs R97 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation**  
R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0

---

R97 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
R97 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

---

**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #26: 6.0.0

---

**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**  
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #26: 6.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 580

02 December 2002 20:53:03

Server ACTIVE specs R97 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 1 . 0  
smg-27 16/10/1998 6 . 2 . 0  
smg-29 25/06/1999 6 . 3 . 0  
TP-05 08/10/1999 6 . 4 . 0  
TP-11 06/04/2001 6 . 5 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 07.10 Terminal Equipment to Mobile Station (TEMS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting:* smg-26 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-24 19/01/1998 2 . 0 . 0  
draft 10/03/1998 2 . 2 . 0  
smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 1 . 0  
smg-27 16/10/1998 6 . 2 . 0  
smg-28 12/02/1999 6 . 3 . 0  
TP-05 08/10/1999 6 . 4 . 0  
TP-15 26/03/2002 6 . 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

# 3GPP specification status

Page 581

02 December 2002 20:53:04

Server ACTIVE specs R97 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R97  
current version: 6.5.0  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-25 20/03/1998 6 . 0 . 0  
smg-26 26/06/1998 6 . 1 . 0  
smg-27 16/10/1998 6 . 2 . 0  
smg-29 25/06/1999 6 . 3 . 0  
NP-05 08/10/1999 6 . 4 . 0  
NP-06 15/12/1999 6 . 5 . 0

WG (prime / other): N3 / -  
G: yes U:  
rapporteur: WILD, Johanna  
MCC: BOSWARTHICK, David  
MOTOROLA Ltd

[get it](#) remarks - general:  
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

R97 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](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  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): G2 / -  
G: yes U:  
rapporteur: ANDERSEN, Niels  
MCC: THOMASEN, Gert  
MOTOROLA A/S

[get it](#) remarks - general:  
remarks - this release:

---

---

## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97  
current version: 6.0.0  
freeze\_meeting: smg-26  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): G2 / -  
G: yes U:  
rapporteur: ANDERSEN, Niels  
MCC: THOMASEN, Gert  
MOTOROLA A/S

[get it](#) remarks - general:  
remarks - this release:

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 582

02 December 2002 20:53:04

Server ACTIVE specs R97 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general: remarks - this release:		
<hr/>					
<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general: remarks - this release:		
<hr/>					
<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>				
R97	current version: 6.5.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, smg-31 bis 17/04/2000 6 . 5 . 0	<a href="#">get it</a>	remarks - general: remarks - this release:		
<hr/>					
<b>TS 08.14</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1</b>				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general: remarks - this release:		

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 583

02 December 2002 20:53:04

Server ACTIVE specs R97 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.16</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>				
R97	current version: 6.3.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-26		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>			
	smg-29 25/06/1999 6 . 3 . 0	<a href="#">get it</a>			

---

<b>TS 08.18</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>				
R97	current version: 6.8.0	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti	MOTOROLA	
	freeze_meeting: smg-26		MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-27 16/10/1998 6 . 2 . 0	<a href="#">get it</a>			
	smg-28 12/02/1999 6 . 3 . 0	<a href="#">get it</a>			
	smg-29 25/06/1999 6 . 4 . 0	<a href="#">get it</a>			
	smg-30 11/11/1999 6 . 5 . 0	<a href="#">get it</a>			
	smg-31 16/02/2000 6 . 7 . 0	<a href="#">get it</a>			
	ETSI Publication 16/03/2000 6 . 7 . 1	<a href="#">get it</a>			
	GP-05 18/06/2001 6 . 8 . 0	<a href="#">get it</a>			

---

<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>				
R97	current version: 6.1.0	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation	
	freeze_meeting: smg-26		MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	NP-11 04/04/2001 6 . 1 . 0	<a href="#">get it</a>	remarks - this release:		

---

<b>TS 08.51</b>	<b>Base Station Controller- Base Transceiver Station (BSC-BTS) Interface General Aspects</b>				
R97	current version: 6.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-26		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release:		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 584

02 December 2002 20:53:04

Server ACTIVE specs R97 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.52</b>	<b>Base Station Controller- Base Transceiver Station (BSC-BTS) Interface - Interface Principles</b>					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general: remarks - this release:			
<hr/>						
<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general: remarks - this release:			
<hr/>						
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	<a href="#">get it</a>	remarks - general: remarks - this release:			
<hr/>						
<b>TS 08.58</b>	<b>Base Station Controller- Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification</b>					
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 2 . 0 smg-30 11/11/1999 6 . 3 . 0	<a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a> <a href="#">get it</a>	remarks - general: remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0			

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 585

02 December 2002 20:53:05

Server ACTIVE specs R97 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
smg-27 18/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
ETSI Publication 18/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

---

R97 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](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 SONERA Corporation  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 586

02 December 2002 20:53:05

Server ACTIVE specs R97 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

R97 *current version:* 6.12.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*  
edito 09/09/1998 6 . 1 . 1 [get it](#)  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-28 12/02/1999 6 . 3 . 0 [get it](#)  
smg-29 25/06/1999 6 . 4 . 0 [get it](#)  
NP-05 08/10/1999 6 . 5 . 0 [get it](#)  
NP-06 15/12/1999 6 . 6 . 0 [get it](#)  
NP-07 15/03/2000 6 . 7 . 0 [get it](#)  
NP-08 21/06/2000 6 . 8 . 0 [get it](#)  
NP-09 08/11/2000 6 . 9 . 0 [get it](#)  
NP-10 21/12/2000 6 . 10 . 0 [get it](#)  
NP-11 06/04/2001 6 . 11 . 0 [get it](#)  
NP-15 04/04/2002 6 . 12 . 0 [get it](#)

## TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R97 *current version:* Network (PLMN) 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David  
ETSI Secretariat  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".  
*remarks - this release:* #27: 6.0.0

## TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".  
*remarks - this release:* #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 587

02 December 2002 20:53:05

Server ACTIVE specs R97 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
								remarks - this release:	#27: 6.0.0
<hr/>									
<b>TS 09.06</b>	<b>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</b>								
R97	current version: <b>Switched Data Transmission Services</b>	6.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
ETSI Secretariat									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						<a href="#">get it</a>	remarks - general:	N3: "no R99 needed".
								remarks - this release:	#27: 6.0.0
<hr/>									
<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
R97	current version: <b>Network (PSTN)</b>	6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						<a href="#">get it</a>	remarks - general:	
	smg-29 25/06/1999 6 . 1 . 0						<a href="#">get it</a>	remarks - this release:	#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0
	NP-06 15/12/1999 6 . 2 . 0						<a href="#">get it</a>		
<hr/>									
<b>TS 09.08</b>	<b>Application of the Base Station System Application Part (BSSAP) on the E-Interface</b>								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-26	G: yes	U:	MCC:	Rouzbeh	JORGENSEN, Per Johan			
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0						<a href="#">get it</a>	remarks - general:	
								remarks - this release:	#27: 6.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 588

02 December 2002 20:53:05

Server ACTIVE specs R97 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.10</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
R97	<i>current version: Procedures and the Mobile Application Part (MAP)</i>	6.2.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
	SONERA Corporation								
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 6 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-29 25/06/1999 6 . 1 . 0					<a href="#">get it</a>	<i>remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0</i>		
	NP-11 04/04/2001 6 . 2 . 0					<a href="#">get it</a>			

---

<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998 6 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i>		
							<i>remarks - this release: #26: 6.0.0</i>		

---

<b>TS 09.13</b>	<b>Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols</b>								
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998 6 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i>		
							<i>remarks - this release:</i>		

---

<b>TS 09.16</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification</b>								
R97	<i>current version: 6.1.0</i>		WG (prime / other):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 6 . 0 . 0					<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-28 12/02/1999 6 . 1 . 0					<a href="#">get it</a>	<i>remarks - this release:</i>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 589

02 December 2002 20:53:05

Server ACTIVE specs R97 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.18</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>
R97	current version: 6.7.0
	freeze_meeting: smg-26
	WG (prime / other): N1 / -
	rapporteur: MILLS, Duncan
	VODAFONE Group Plc
	G: yes U:
	MCC: JORGENSEN, Per Johan
history (event, available, version,	
smg-25 20/02/1998 6 . 0 . 0	<a href="#">get it</a> remarks - general:
smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a> remarks - this release:
smg-27 16/10/1998 6 . 2 . 0	<a href="#">get it</a>
smg-28 12/02/1999 6 . 3 . 0	<a href="#">get it</a>
smg-29 25/06/1999 6 . 4 . 0	<a href="#">get it</a>
NP-05 08/10/1999 6 . 5 . 0	<a href="#">get it</a>
NP-07 15/03/2000 6 . 6 . 0	<a href="#">get it</a>
NP-14 04/01/2002 6 . 7 . 0	<a href="#">get it</a>

---

<b>TS 09.60</b>	<b>General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP across the Gn and Gp Interface</b>
R97	current version: 6.12.0
	freeze_meeting: smg-26
	WG (prime / other): N4 / -
	rapporteur: KYMALAINEN, Kimmo
	SONERA Corporation
	G: yes U:
	MCC: KYMALAINEN, Kimmo
history (event, available, version,	
smg-25 20/03/1998 6 . 0 . 0	<a href="#">get it</a> remarks - general:
smg-26 26/06/1998 6 . 1 . 0	<a href="#">get it</a> remarks - this release:
smg-27 16/10/1998 6 . 2 . 0	<a href="#">get it</a>
smg-28 12/02/1999 6 . 3 . 0	<a href="#">get it</a>
smg-29 25/06/1999 6 . 4 . 0	<a href="#">get it</a>
ETSI publication 03/11/1999 6 . 4 . 1	<a href="#">get it</a>
NP-05 08/10/1999 6 . 5 . 0	<a href="#">get it</a>
NP-06 15/12/1999 6 . 6 . 0	<a href="#">get it</a>
ETSI publication 05/07/2000 6 . 6 . 1	<a href="#">get it</a>
NP-07 15/03/2000 6 . 7 . 0	<a href="#">get it</a>
ETSI publication 6 . 7 . 1	
NP-08 21/06/2000 6 . 8 . 0	<a href="#">get it</a>
ETSI publication 6 . 8 . 1	
NP-09 31/10/2000 6 . 9 . 0	<a href="#">get it</a>
NP-11 20/04/2001 6 . 10 . 0	<a href="#">get it</a>
make figures visible 09/08/2001 6 . 10 . 1	<a href="#">get it</a>
NP-13 03/10/2001 6 . 11 . 0	<a href="#">get it</a>
NP-16 21/06/2002 6 . 12 . 0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 590

02 December 2002 20:53:06

Server ACTIVE specs R97 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.61</b>	<b>General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)</b>								
R97	current version: 6.8.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-25	20/03/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
smg-26		6 . 1 . 0	not issued, w/proc compatibility probs		remarks - this release:				
smg-26 ((6.1.0	26/06/1998	6 . 2 . 0		<a href="#">get it</a>					
withdrawn due to									
WORD com									
smg-27	16/10/1998	6 . 3 . 0		<a href="#">get it</a>					
smg-30	11/11/1999	6 . 4 . 0		<a href="#">get it</a>					
NP-13	12/10/2001	6 . 5 . 0		<a href="#">get it</a>					
NP-14	14/01/2002	6 . 6 . 0		<a href="#">get it</a>					
NP-15	20/03/2002	6 . 7 . 0		<a href="#">get it</a>					
NP-16	02/07/2002	6 . 8 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 09.78</b>	<b>CAMEL Application Part phase 2 (stage 3)</b>								
R97	current version: 6.5.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-26	G: yes	U:	MCC:	JURISIC, Andrijana				
history (event, available, version,									
smg-25	20/03/1998	6 . 0 . 0		<a href="#">get it</a>	remarks - general:				
smg-26	26/06/1998	6 . 1 . 0		<a href="#">get it</a>	remarks - this release:				
smg-27	16/10/1998	6 . 2 . 0		<a href="#">get it</a>					
smg-28	12/02/1999	6 . 3 . 0		<a href="#">get it</a>					
smg-29	25/06/1999	6 . 4 . 0		<a href="#">get it</a>					
NP-08	21/06/2000	6 . 5 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>								
R97	current version: 6.1.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov				
history (event, available, version,					JORGENSEN, Per Johan				
smg-27		6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16		remarks - general:				
NP-16	26/06/2002	6 . 1 . 0		<a href="#">get it</a>	remarks - this release:	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 591

02 December 2002 20:53:06

Server ACTIVE specs R97 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles**  
R97 *current version:* 6.2.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* GP-04 *G: yes U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-04 20/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*  
GP-07 04/01/2002 6 . 1 . 0 [get it](#) *remarks - this release:*  
GP-08 19/02/2002 6 . 2 . 0 [get it](#)

---

R97 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](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 SIEMENS AG  
*freeze\_meeting:* smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:*  
NP-05 08/10/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

---

R97 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 592

02 December 2002 20:53:06

Server ACTIVE specs R97 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

R97 *current version:* 6.4.0 *WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-26  
*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*  
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.  
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.  
smg-30 11/11/1999 6 . 2 . 0 [get it](#)  
smg-31 16/02/2000 6 . 3 . 0 [get it](#)  
Editorial correction 16/02/2000 6 . 3 . 1 [get it](#)  
GP-06 06/09/2001 6 . 4 . 0 [get it](#)

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-32 *G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #32:frozen  
smg-28 12/02/1999 6 . 2 . 0 [get it](#)  
smg-32 16/03/2000 6 . 3 . 0 [get it](#)  
smg-31 16/02/2000 6 . 3 . 0 [get it](#)

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-32 *G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #32:frozen  
smg-28 12/02/1999 6 . 2 . 0 [get it](#)  
smg-32 16/03/2000 6 . 3 . 0 [get it](#)  
smg-31 16/02/2000 6 . 3 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 593

02 December 2002 20:53:07

Server ACTIVE specs R97 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.14 Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface**  
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:* DIETZE, Claus

*history (event, available, version,*  
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* (smg-31:6.4.0 but CR later withdrawn)  
smg-27 16/10/1998 6 . 2 . 0 [get it](#)  
smg-28 12/02/1999 6 . 3 . 0 [get it](#)

---

**TS 11.21 Base Station System (BSS) equipment specification; Radio aspects**  
R97 *current version:* 6.0.0 *WG (prime / other):* G3 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* smg-26  
*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-09 06/05/2002 6 . 0 . 0 not produced post smg-27 [get it](#) *remarks - general:*  
*remarks - this release:* #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected.

---

**TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters**  
R97 *current version:* 6.0.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT, USAI, Paolino  
*freeze\_meeting:* smg-26  
*G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
GP-09 06/05/2002 6 . 0 . 0 [get it](#) *remarks - general:*  
edito (correction of version on 18/06/2002 6 . 0 . 1 [get it](#) *remarks - this release:* GP-09 (Usai) created to fill the Release gap.

---

R97 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.05 Subscriber Related Call and Event Data**  
R97 *current version:* 6.1.0 *WG (prime / other):* S5 / S1 *rapporteur:* BENDER, James Nortel Networks (USA)  
*freeze\_meeting:* smg-26  
*G:* yes *U:* *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*  
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 594

02 December 2002 20:53:07

Server ACTIVE specs R97 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

<b>TS 12.11</b>	<b>Fault management of the Base Station System (BSS)</b>					
R97	current version: 6.3.0	WG (prime / other):	S5 / S1 / GP	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting: smg-26	G: yes	U:	MCC:	ZOICAS, Adrian	
	history (event, available, version,	<a href="#">get it</a>		remarks - general:		
	smg-26 26/06/1998 6 . 0 . 0	<a href="#">get it</a>		remarks - this release:		
	smg-27 16/10/1998 6 . 1 . 0	<a href="#">get it</a>				
	smg-28 12/02/1999 6 . 2 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 6 . 3 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 12.15</b>	<b>General Packet Radio Service (GPRS); GPRS Charging</b>					
R97	current version: 6.2.0	WG (prime / other):	S5 / -	rapporteur:	LEHNERT, Matthias	ALCATEL S.A.
	freeze_meeting: smg-26	G: yes	U:	MCC:	ZOICAS, Adrian	
	history (event, available, version,	<a href="#">get it</a>		remarks - general:		
	smg-27 16/10/1998 6 . 1 . 0	<a href="#">get it</a>		remarks - this release: #27: 6.1.0 #28: 6.2.0		
	smg-28 12/02/1999 6 . 2 . 0					
<hr/>						
<b>TS 12.21</b>	<b>Network Management (NM) procedures and messages on the A-bis interface</b>					
R97	current version: 6.0.0	WG (prime / other):	G3 / S5	rapporteur:	TRUSS, Michael	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,	<a href="#">get it</a>		remarks - general:	SP-13: S5->G3 but no change of rapporteur.	
	GP-09 06/05/2002 6 . 0 . 0			remarks - this release:	GP-09 (Usai) created to fill the Release gap.	

---

---

## R96

R96

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 595

02 December 2002 20:53:07

Server ACTIVE specs R96 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TS 01.02 General Description of a GSM Public Land Mobile Network(PLMN)**  
R96 *current version:* 5.0.2 *WG (prime / other):* S1 / GP / rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S  
*freeze\_meeting:* smg-22 NP  
*G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TR 01.04 Abbreviations and acronyms**  
R96 *current version:* 5.0.2 *WG (prime / other):* GP / - rapporteur: CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*  
ETSI publication 30/10/2001 5 . 0 . 2 [get it](#)

---

**TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study**  
R96 *current version:* 5.0.1 *WG (prime / other):* S1 / - rapporteur: GRAETZ, Ingeborg SIEMENS AG  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

---

R96 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)**  
R96 *current version:* 5.5.0 *WG (prime / other):* S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-20 11/10/1996 5 . 2 . 0 [get it](#)  
smg-24 19/12/1997 5 . 3 . 0 [get it](#)  
smg-26 26/06/1998 5 . 4 . 0 [get it](#)  
smg-29 25/06/1999 5 . 5 . 0 [get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 596

02 December 2002 20:53:07

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-20 11/10/1996 5 . 2 . 0 [get it](#)  
ETSI publication 02/05/1997 5 . 2 . 1 [get it](#)  
smg-22 13/06/1997 5 . 3 . 0 [get it](#)  
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)  
ETSI publication 31/12/1997 5 . 3 . 2 [get it](#)

---

## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version,*  
smg-17 02/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-20 11/10/1996 5 . 1 . 1 [get it](#)  
ETSI publication 02/05/1997 5 . 1 . 2 [get it](#)  
smg-21 14/02/1997 5 . 2 . 0 [get it](#)  
ETSI publication 26/08/1997 5 . 2 . 1 [get it](#)  
smg-22 13/06/1997 5 . 3 . 0 [get it](#)  
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)  
ETSI publication 14/01/1998 5 . 3 . 2 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 597

02 December 2002 20:53:08

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.04 General on Supplementary Services

R96 current version: 5.7.4

freeze\_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	14/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	02/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
ETSI publication	28/08/1997	5	.	5	.	1
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	1
ETSI publication	27/02/1998	5	.	6	.	2
smg-23	17/10/1997	5	.	7	.	0
smg-25	20/03/1998	5	.	7	.	1
ETSI publication	01/02/1998	5	.	7	.	2
smg-29	25/06/1999	5	.	7	.	3
ETSI publication	29/12/1999	5	.	7	.	4

WG (prime / other): S1 / - rapporteur: CARPENTER, Paul  
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 02.06 Types of Mobile Stations (MS)

R96 current version: 5.2.1

freeze\_meeting: smg-22

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
ETSI publication	26/08/1997	5	.	1	.	1
smg-28	12/02/1999	5	.	2	.	0
ETSI publication	04/08/1999	5	.	2	.	1

WG (prime / other): S1 / - rapporteur: JEAL, David  
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 598

02 December 2002 20:53:08

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1

*freeze\_meeting:* smg-22

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc

G: yes U: *MCC:* CLAYTON, Michael

*history (event, available, version,*

smg-17 02/02/1996 5 . 0 . 0

smg-18 12/04/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 2 . 0

ETSI publication 02/05/1997 5 . 2 . 1

smg-22 13/06/1997 5 . 3 . 0

ETSI OAP 21/07/1997 5 . 3 . 1

ETSI publication 31/12/1997 5 . 3 . 2

smg-24 19/12/1997 5 . 4 . 0

ETSI publication 17/06/1998 5 . 4 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

## TS 02.09 Security aspects

R96 *current version:* 5.2.1

*freeze\_meeting:* smg-22

WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB

G: yes U: NP *MCC:* POPE, Maurice

*history (event, available, version,*

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

smg-22 13/06/1997 5 . 1 . 0

edito 08/12/1997 5 . 1 . 1

smg-31 16/02/2000 5 . 2 . 0

ETSI publication 29/08/2000 5 . 2 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

## TS 02.11 Service Accessibility

R96 *current version:* 5.0.1

*freeze\_meeting:* smg-22

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom

G: yes U: *MCC:* CLAYTON, Michael

*history (event, available, version,*

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 599

02 December 2002 20:53:08

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
smg-30 11/11/1999 5 . 1 . 0  
SP-08 23/06/2000 5 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

## TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 02/05/1997 5 . 0 . 1  
smg-27 16/10/1998 5 . 1 . 0  
ETSI publication 08/04/1999 5 . 1 . 1

*WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*G: yes U:* *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

## TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0  
smg-19 28/06/1996 5 . 1 . 0  
smg-20 11/10/1996 5 . 2 . 0  
smg-23 17/10/1997 5 . 3 . 0  
smg-25 20/03/1998 5 . 3 . 1  
smg-26 26/06/1998 5 . 4 . 0

*WG (prime / other):* S1 / *rapporteur:* DURAND, Romain ALCATEL S.A.  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 02/05/1997 5 . 0 . 1

*WG (prime / other):* S1 / *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 600

02 December 2002 20:53:08

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1

freeze\_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	3	.	1
ETSI publication	02/05/1997	5	.	3	.	2
smg-21	14/02/1997	5	.	4	.	0
ETSI publication	26/08/1997	5	.	4	.	1
smg-22	13/06/1997	5	.	5	.	0
ETSI OAP	19/09/1997	5	.	5	.	1
ETSI publication	27/02/1998	5	.	5	.	2
smg-23	17/10/1997	5	.	6	.	0
edito	06/01/1998	5	.	6	.	1
smg-24	19/12/1997	5	.	6	.	2
smg-28	12/02/1999	5	.	7	.	0
ETSI publication	04/08/1999	5	.	7	.	1

WG (prime / other): S1 / rapporteur: JEAL, David  
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 current version: 5.2.1

freeze\_meeting: smg-22

history (event, available, version,

draft	31/10/1995	0	.	0	.	0
draft	13/02/1996	0	.	1	.	0
draft	19/06/1996	0	.	2	.	0
draft	13/02/1996	0	.	5	.	0
smg-20	09/10/1996	5	.	0	.	0
ETSI publication	28/11/1996	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
smg-22	13/06/1997	5	.	2	.	0
ETSI publication	04/08/1997	5	.	2	.	1

WG (prime / other): S1 / rapporteur: KOKKOLA, Tommi  
G: yes U: MCC: CLAYTON, Michael

NOKIA Corporation

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 601

02 December 2002 20:53:09

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>								
R96	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.41</b>	<b>Operator Determined Barring</b>								
R96	<i>current version:</i> 5.1.1			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,				BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-21 14/02/1997 5 . 1 . 0			<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-24 19/12/1997 5 . 1 . 1			<a href="#">get it</a>					
<hr/>									
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>								
R96	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les				Union Internationale des Chemins de Fer
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-19 28/06/1996 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	edito 08/10/1996 5 . 0 . 1			<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-24 19/12/1997 5 . 1 . 0			<a href="#">get it</a>					
<hr/>									
<b>TS 02.63</b>	<b>Packet Data on Signalling channels Service (PDS); Stage 1</b>								
R96	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan				T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-19 28/06/1996 5 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 602

02 December 2002 20:53:09

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version,*

smg-16	20/10/1995	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-19	28/06/1996	5	.	0	.	1	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-20	11/10/1996	5	.	0	.	2	<a href="#">get it</a>	
ETSI publication	03/06/1997	5	.	0	.	3	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	0	.	4	<a href="#">get it</a>	
edito	05/12/1997	5	.	0	.	5	<a href="#">get it</a>	
smg-29	25/06/1999	5	.	1	.	0	<a href="#">get it</a>	
ETSI publication	29/12/1999	5	.	1	.	1	<a href="#">get it</a>	

---

## TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version,*

smg-16	20/10/1995	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-20	11/10/1996	5	.	1	.	1	<a href="#">get it</a>	
smg-21	14/02/1997	5	.	1	.	2	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	1	.	3	<a href="#">get it</a>	
smg-26	26/06/1998	5	.	2	.	0	<a href="#">get it</a>	
publish ETS 300 925	01/12/1998	5	.	2	.	1	<a href="#">get it</a>	

---

## TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

*history (event, available, version,*

smg-16	20/10/1995	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0
smg-20	11/10/1996	5	.	1	.	1	<a href="#">get it</a>	
smg-21	14/02/1997	5	.	1	.	2	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	1	.	3	<a href="#">get it</a>	
smg-26	26/06/1998	5	.	2	.	0	<a href="#">get it</a>	
ETSI publication	01/12/1998	5	.	2	.	1	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 603

02 December 2002 20:53:09

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.78</b>	<b>Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)</b>				
R96	current version: 5.6.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-20 11/10/1996 5 . 1 . 0	<a href="#">get it</a>	remarks - this release:		
	smg-21 14/02/1997 5 . 1 . 1	<a href="#">get it</a>			
	smg-22 13/06/1997 5 . 2 . 0	<a href="#">get it</a>			
	smg-23 17/10/1997 5 . 3 . 0	<a href="#">get it</a>			
	smg-24 19/12/1997 5 . 4 . 0	<a href="#">get it</a>			
	smg-26 26/06/1998 5 . 5 . 0	<a href="#">get it</a>			
	smg-28 12/02/1999 5 . 6 . 0	<a href="#">get it</a>			

---

<b>TS 02.79</b>	<b>Support of Optimal Routeing (SOR); Service definition (Stage 1)</b>				
R96	current version: 5.2.0	WG (prime / other): S1 / -	rapporteur: FREY, Sophie	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-20 11/10/1996 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: #19: 5.0.0 #20: 5.1.0 #28: 5.2.0		
	smg-28 12/02/1999 5 . 2 . 0	<a href="#">get it</a>			

---

<b>TS 02.81</b>	<b>Line Identification Supplementary Services; Stage 1</b>				
R96	current version: 5.1.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TELIA AB	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-24 19/12/1997 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #24: 5.1.0		

---

<b>TS 02.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 1</b>				
R96	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-16 20/10/1995 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #16: 5.0.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 604

02 December 2002 20:53:10

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0	
<hr/>						
<b>TS 02.84</b>	<b>MultiParty (MPty) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0	
<hr/>						
<b>TS 02.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0	
<hr/>						
<b>TS 02.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0	
<hr/>						
<b>TS 02.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 1</b>					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				<a href="#">get it</a>	remarks - general: remarks - this release: #20: 5.0.0	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 605

02 December 2002 20:53:10

Server ACTIVE specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 current version: 5.1.0  
freeze\_meeting: smg-22  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0  
smg-21 14/02/1997 5 . 1 . 0

WG (prime / other): S1 / - rapporteur: SLOTTE, Sverre NOKIA Corporation  
G: yes U: MCC: CLAYTON, Michael  
[get it](#) remarks - general:  
[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  
freeze\_meeting: smg-22  
history (event, available, version,  
smg-16 20/10/1996 5 . 0 . 0  
smg-17 02/02/1996 5 . 0 . 1  
smg-19 28/06/1996 5 . 1 . 0  
smg-21 14/02/1997 5 . 1 . 1

WG (prime / other): S1 / - rapporteur: POSTMANN, Erwin SIEMENS AG  
G: yes U: MCC: CLAYTON, Michael  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1  
[get it](#)  
[get it](#)

## TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 current version: 5.2.0  
freeze\_meeting: smg-22  
history (event, available, version,  
smg-16 20/10/1995 5 . 0 . 0  
smg-18 12/04/1996 5 . 1 . 0  
smg-19 28/06/1996 5 . 2 . 0

WG (prime / other): S1 / - rapporteur: CLAYTON, Michael EMCOM Ltd  
G: yes U: MCC: CLAYTON, Michael  
[get it](#) remarks - general:  
[get it](#) remarks - this release: #16: 5.0.0 #18: 5.1.0 #19: 5.2.0  
[get it](#)

R96

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.01 Network Functions

R96 current version: 5.1.0  
freeze\_meeting: smg-22  
history (event, available, version,  
smg-17 02/02/1996 5 . 0 . 0  
smg-18 12/04/1996 5 . 1 . 0

WG (prime / other): S2 / NP rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB  
G: yes U: MCC: SULTAN, Alain  
[get it](#) remarks - general: SMG3->SA2 @ TSG#7  
[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

# 3GPP specification status

Page 606

02 December 2002 20:53:10

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.02</b>	<b>Network Architecture</b>				
R96	current version: 5.3.0	WG (prime / other): S2 / NP / T2	rapporteur: SULTAN, Alain	SOURCE COM	
	freeze_meeting: smg-22	G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,				
	smg-17 02/02/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-18 12/04/1996 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0		
	smg-23 17/10/1997 5 . 2 . 0	<a href="#">get it</a>			
	smg-24 19/12/1997 5 . 3 . 0	<a href="#">get it</a>			

---

<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>				
R96	current version: 5.4.1	WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE Group Plc	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-17 5 . 0 . 0		remarks - general:		
	ETSI OAP 25/11/1996 5 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
	ETSI publication 02/05/1997 5 . 0 . 2	<a href="#">get it</a>			
	smg-25 20/03/1998 5 . 1 . 0	<a href="#">get it</a>			
	ETSI publication 23/10/1998 5 . 1 . 1	<a href="#">get it</a>			
	smg-29 26/05/1999 5 . 2 . 0	<a href="#">get it</a>			
	ETSI publication 22/11/1999 5 . 2 . 1	<a href="#">get it</a>			
	NP-07 15/03/2000 5 . 3 . 0	<a href="#">get it</a>			
	ETSI publication 15/11/2000 5 . 3 . 1	<a href="#">get it</a>			
	NP-08 21/06/2000 5 . 4 . 0	<a href="#">get it</a>			
	ETSI publication 04/01/2001 5 . 4 . 1	<a href="#">get it</a>			

---

<b>TR 03.05</b>	<b>Technical performance objectives</b>				
R96	current version: 5.0.0	WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-22	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: #20: 5.0.0		

---

G = required in systems with GERAN access; U = required in systems with UMTS



# 3GPP specification status

Page 607

02 December 2002 20:53:10

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.07</b>	<b>Restoration Procedures</b>								
R96	<i>current version:</i> 5.1.0		WG (prime / other):	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22		G: yes	U:	MCC:	Chalmers			
	<i>history (event, available, version,</i>					KYMALAINEN, Kimmo			
	smg-20 11/10/1996	5 . 0 . 0							
	smg-23 17/10/1997	5 . 1 . 0	<a href="#">get it</a>					remarks - general:	
			<a href="#">get it</a>					remarks - this release:	
<hr/>									
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>								
R96	<i>current version:</i> 5.2.0		WG (prime / other):	N4 / -	<i>rapporteur:</i>	BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> smg-22		G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	smg-18 12/04/1996	5 . 0 . 0	<a href="#">get it</a>					remarks - general:	
	smg-21 14/02/1997	5 . 1 . 0	<a href="#">get it</a>					remarks - this release:	
	smg-23 17/10/1997	5 . 2 . 0	<a href="#">get it</a>						
<hr/>									
<b>TS 03.09</b>	<b>Handover Procedures</b>								
R96	<i>current version:</i> 5.1.0		WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND,	Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-22		G: yes	U:	MCC:	Rouzbeh			
	<i>history (event, available, version,</i>					JORGENSEN, Per Johan			
	smg-18 12/04/1996	5 . 0 . 0	<a href="#">get it</a>					remarks - general:	
	smg-22 13/06/1997	5 . 1 . 0	<a href="#">get it</a>					remarks - this release: #18: 5.0.0 #22: 5.1.0	
<hr/>									
<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>								
R96	<i>current version:</i> 5.4.0		WG (prime / other):	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-22		G: yes	U:	MCC:	BOSWARTHICK, David			
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0	<a href="#">get it</a>					remarks - general:	
	smg-21 14/02/1997	5 . 1 . 0	<a href="#">get it</a>					remarks - this release:	
	smg-22 13/06/1997	5 . 2 . 0	<a href="#">get it</a>						
	smg-23 17/10/1997	5 . 3 . 0	<a href="#">get it</a>						
	smg-24 19/12/1997	5 . 4 . 0	<a href="#">get it</a>						

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 608

02 December 2002 20:53:11

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 03/06/1997 5 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i>		
<hr/>						
<b>TS 03.12</b>	<b>Location Registration Procedures</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release: #20: 5.0.0</i>		
<hr/>						
<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-17 02/02/1996 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release: #17: 5.0.0</i>		
<hr/>						
<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
				<i>remarks - this release: #20: 5.0.0</i>		
<hr/>						
<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CHALMERS, Kimmo			
	<i>history (event, available, version,</i>					
	smg-16 20/10/1995 5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-21 14/02/1997 5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release: #16: 5.0.0 #21: 5.1.0</i>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 609

02 December 2002 20:53:11

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.16 Subscriber Data Management

R96  
current version: 5.3.0  
freeze\_meeting: smg-22  
history (event, available, version,  
smg-18 12/04/1996 5 . 0 . 0  
smg-21 14/02/1997 5 . 1 . 0  
smg-23 17/10/1997 5 . 2 . 0  
smg-26 26/06/1998 5 . 3 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0  
[get it](#)  
[get it](#)

---

## TS 03.18 Basic Call Handling

R96  
current version: 5.6.0  
freeze\_meeting: smg-22  
history (event, available, version,  
smg-21 14/02/1997 5 . 0 . 0  
smg-22 13/06/1997 5 . 1 . 0  
smg-23 17/10/1997 5 . 2 . 0  
smg-24 19/12/1997 5 . 3 . 0  
smg-25 20/03/1998 5 . 4 . 0  
smg-26 26/06/1998 5 . 5 . 0  
smg-27 16/10/1998 5 . 6 . 0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD  
Chalmers  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 03.20 Security-related Network Functions

R96  
current version: 5.2.1  
freeze\_meeting: smg-22  
history (event, available, version,  
smg-20 11/10/1996 5 . 0 . 0  
smg-21 14/02/1997 5 . 1 . 0  
smg-23 17/10/1997 5 . 2 . 0  
smg-29 25/06/1999 5 . 2 . 1

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom  
Sebastien  
G: yes U: MCC: POPE, Maurice

[get it](#) remarks - general:  
[get it](#) remarks - this release: SMG#29: CRs but postponed, then forgotten!  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 610

02 December 2002 20:53:11

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.22</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>					
R96	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	ETSI publication 03/06/1997 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i> group receive mode".			
	smg-21 14/02/1997 5 . 1 . 0	<a href="#">get it</a>				
	ETSI publication 15/09/1997 5 . 1 . 1	<a href="#">get it</a>				
	smg-22 13/06/1997 5 . 2 . 0	<a href="#">get it</a>				
	ETSI publication 31/12/1997 5 . 2 . 1	<a href="#">get it</a>				
	smg-26 26/06/1998 5 . 3 . 0	<a href="#">get it</a>				
	ETSI publication 10/12/1998 5 . 3 . 1	<a href="#">get it</a>				

---

<b>TR 03.26</b>	<b>Multiband operation of GSM/DCS 1800 by a single operator</b>					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-23 17/10/1997 5 . 2 . 0	<a href="#">get it</a>				

---

<b>TR 03.30</b>	<b>Radio Network Planning Aspects</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TELIA AB		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #20: 5.0.0			

---

<b>TS 03.32</b>	<b>Universal Geographical Area Description (GAD)</b>					
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	G: yes U:	MCC: SULTAN, Alain			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-26 26/06/1998 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #23: 5.0.0 #26: 5.1.0 #27: 5.2.0			
	smg-27 16/10/1998 5 . 2 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 611

02 December 2002 20:53:11

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 current version: 5.2.0

freeze\_meeting: smg-22

history (event, available, version,

smg-21 14/02/1997 5 . 0 . 0

smg-26 26/06/1998 5 . 1 . 0

smg-28 12/02/1999 5 . 2 . 0

WG (prime / other): N1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

[get it](#) remarks - this release: #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

[get it](#)

---

## TS 03.38 Alphabets and language-specific information

R96 current version: 5.6.1

freeze\_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

Editorial correction 13/07/1997 5 . 6 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-point (PP)

R96 current version: 5.8.1

freeze\_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

smg-23 17/10/1997 5 . 7 . 0

smg-26 26/06/1998 5 . 8 . 0

Editorial change 26/07/1998 5 . 8 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[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

# 3GPP specification status

Page 612

02 December 2002 20:53:12

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-16	20/10/1995	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-18	12/04/1996	5	.	2	.	0	<a href="#">get it</a>	
smg-19	28/06/1996	5	.	3	.	0	<a href="#">get it</a>	
smg-20	11/10/1996	5	.	4	.	0	<a href="#">get it</a>	
ETSI publication	02/05/1997	5	.	4	.	1	<a href="#">get it</a>	
smg-21	14/02/1997	5	.	5	.	0	<a href="#">get it</a>	
ETSI publication	15/09/1997	5	.	5	.	1	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	6	.	0	<a href="#">get it</a>	
ETSI publication	02/02/1998	5	.	6	.	1	<a href="#">get it</a>	
smg-23	17/10/1997	5	.	7	.	0	<a href="#">get it</a>	
smg-24	19/12/1997	5	.	8	.	0	<a href="#">get it</a>	
ETSI publication	17/06/1998	5	.	8	.	1	<a href="#">get it</a>	
smg-25	20/03/1998	5	.	9	.	0	<a href="#">get it</a>	
ETSI publication	03/02/1999	5	.	9	.	1	<a href="#">get it</a>	

---

## TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-21	14/02/1997	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-22	13/06/1997	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i> #21: 5.0.0 #22: 5.1.0 #23: 5.2.0
smg-23	17/10/1997	5	.	2	.	0	<a href="#">get it</a>	

---

## TR 03.43 Support of Videotex

R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
								<i>remarks - this release:</i>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 613

02 December 2002 20:53:12

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)**  
R96 *current version:* 5.0.0 *freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
Friedhelm  
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent**  
R96 *current version:* 5.2.1 *freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 02/05/1997 5 . 0 . 1  
smg-21 14/02/1997 5 . 1 . 0  
ETSI publication 26/08/1997 5 . 1 . 1  
smg-22 13/06/1997 5 . 2 . 0  
ETSI publication 02/02/1998 5 . 2 . 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:*  
[get it](#)  
[get it](#)  
[get it](#)

---

**TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent**  
R96 *current version:* 5.0.0 *freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
*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 *freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
Friedhelm  
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
*remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 614

02 December 2002 20:53:12

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>				
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version,</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	smg-16 20/10/1995				<a href="#">get it</a> <i>remarks - general:</i>
	smg-18 12/04/1996				<a href="#">get it</a> <i>remarks - this release:</i>
	smg-19 28/06/1996				<a href="#">get it</a>
	smg-20 11/10/1996				<a href="#">get it</a>
	smg-21 14/02/1997				<a href="#">get it</a>
	smg-22 13/06/1997				<a href="#">get it</a>
	smg-23 17/10/1997				<a href="#">get it</a>
	smg-24 19/12/1997				<a href="#">get it</a>

---

<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>				
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-17 02/02/1996				<a href="#">get it</a> <i>remarks - general:</i>
	smg-20 11/10/1996				<a href="#">get it</a> <i>remarks - this release:</i> #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0
	smg-24 19/12/1997				<a href="#">get it</a>
	smg-25 20/03/1998				<a href="#">get it</a>
	smg-27 16/10/1998				<a href="#">get it</a>
	smg-28 12/02/1999				<a href="#">get it</a>
	smg-32 20/06/2000				<a href="#">get it</a>

---

<b>TS 03.54</b>	<b>Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2</b>				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997				<a href="#">get it</a> <i>remarks - general:</i>
	smg-24 19/12/1997				<a href="#">get it</a> <i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 615

02 December 2002 20:53:13

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.63</b>	<b>Packet Data on Signalling channels service (PDS) Service description, Stage 2</b>								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-18 12/04/1996	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>									
<b>TS 03.67</b>	<b>Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2</b>								
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-20 11/10/1996	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	ETSI publication 03/06/1997	5 . 1 . 1		<a href="#">get it</a>					
<hr/>									
<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>								
R96	<i>current version:</i> 5.5.1	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-18 12/04/1996	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	#16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0			
	smg-20 11/10/1996	5 . 1 . 1		<a href="#">get it</a>					
	ETSI publication 03/06/1997	5 . 1 . 2		<a href="#">get it</a>					
	smg-21 14/02/1997	5 . 2 . 0		<a href="#">get it</a>					
	ETSI publication 26/08/1997	5 . 2 . 1		<a href="#">get it</a>					
	smg-23 17/10/1997	5 . 3 . 0		<a href="#">get it</a>					
	ETSI publication 07/04/1998	5 . 3 . 1		<a href="#">get it</a>					
	smg-24 19/12/1997	5 . 4 . 0		<a href="#">get it</a>					
	ETSI publication 23/07/1998	5 . 4 . 1		<a href="#">get it</a>					
	smg-26 26/06/1998	5 . 5 . 1		<a href="#">get it</a>					

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 616

02 December 2002 20:53:13

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 current version: 5.5.1

freeze\_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-18	12/04/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	1	.	1
ETSI publication	03/06/1997	5	.	1	.	2
smg-21	14/02/1997	5	.	2	.	0
ETSI publication	26/08/1997	5	.	2	.	1
smg-23	17/10/1997	5	.	3	.	0
ETSI publication	07/04/1998	5	.	3	.	1
smg-24	19/12/1997	5	.	4	.	0
ETSI publication	23/10/1999	5	.	4	.	1
smg-26	26/06/1998	5	.	5	.	0
ETSI publication	10/12/1998	5	.	5	.	1

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

## TS 03.70 Routeing of Calls to/from Public Data Networks (PDN)

R96 current version: 5.0.0

freeze\_meeting: smg-22

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
--------	------------	---	---	---	---	---

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #20: 5.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 617

02 December 2002 20:53:13

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R96 *current version:* 5.8.0 *WG (prime / other):* N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana

*history (event, available, version,*

smg-21	14/02/1997	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
ETSI publication	23/04/1997	5	.	0	.	1	<a href="#">get it</a> <i>remarks - this release:</i>
smg-22	13/06/1997	5	.	1	.	0	<a href="#">get it</a>
smg-23	17/10/1997	5	.	2	.	0	<a href="#">get it</a>
smg-24	19/12/1997	5	.	3	.	0	<a href="#">get it</a>
edito	19/01/1998	5	.	3	.	1	<a href="#">get it</a>
ETSI publication	30/01/1998	5	.	3	.	2	<a href="#">get it</a>
smg-25	20/03/1998	5	.	4	.	0	<a href="#">get it</a>
smg-26	26/06/1998	5	.	5	.	0	<a href="#">get it</a>
smg-27	16/10/1998	5	.	6	.	0	<a href="#">get it</a>
smg-28	12/02/1999	5	.	7	.	0	<a href="#">get it</a>
smg-29	25/06/1999	5	.	8	.	0	<a href="#">get it</a>

---

## TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R96 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

smg-21	14/02/1997	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
ETSI publication	02/05/1997	5	.	0	.	1	<a href="#">get it</a> <i>remarks - this release: #21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0</i>
smg-22	13/06/1997	5	.	1	.	0	<a href="#">get it</a>
smg-24	19/12/1997	5	.	2	.	0	<a href="#">get it</a>
smg-25	20/03/1998	5	.	3	.	0	<a href="#">get it</a>
smg-27	16/10/1998	5	.	4	.	0	<a href="#">get it</a>
NP-05	08/10/1999	5	.	5	.	0	<a href="#">get it</a>

---

## TS 03.81 Line Identification Supplementary Services; Stage 2

R96 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*

smg-20	11/10/1996	5	.	0	.	0	<a href="#">get it</a> <i>remarks - general:</i>
smg-24	19/12/1997	5	.	1	.	0	<a href="#">get it</a> <i>remarks - this release: #20: 5.0.0 #24: 5.1.0 #26: 5.2.0</i>
smg-26	26/06/1998	5	.	2	.	0	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 618

02 December 2002 20:53:14

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #20: 5.0.0</i>			
<hr/>						
<b>TS 03.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #20: 5.0.0</i>			
<hr/>						
<b>TS 03.84</b>	<b>Multi Party (MPTY) Supplementary Services; Stage 2</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release: #20: 5.0.0</i>			
<hr/>						
<b>TS 03.85</b>	<b>Closed user Group (CUG) Supplementary Services; Stage 2</b>					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
<b>TS 03.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 2</b>					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI Publication 28/11/2000 5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #20: 5.0.0</i>			

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 619

02 December 2002 20:53:14

Server ACTIVE specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.88 Call Barring (CB) supplementary services; Stage 2**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

---

**TS 03.90 Unstructured Supplementary Service Data (USSD)**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mm02 plc  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

---

**TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2**

R96 *current version:* 5.0.2  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-16 20/10/1995 5 . 0 . 0  
smg-18 12/04/1996 5 . 0 . 1  
smg-19 28/06/1996 5 . 0 . 2

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.0.1 #19: 5.0.2  
[get it](#)

---

R96

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

*WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 620

02 December 2002 20:53:14

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**  
R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #18: 5.0.0

---

**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
R96 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-22 13/06/1997 5 . 2 . 0 [get it](#)  
smg-24 19/12/1997 5 . 3 . 0 [get it](#)

---

**TS 04.04 Layer 1 - General Requirements**  
R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*  
smg-24 19/12/1997 5 . 1 . 0 [get it](#)

---

**TS 04.05 Data Link (DL) Layer General Aspects**  
R96 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-22 G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 621

02 December 2002 20:53:14

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 *current version:* 5.4.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-22

*G:* yes *U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*

smg-20	11/10/1996	5	.	0	.	0	
ETSI publication	02/05/1997	5	.	0	.	1	
smg-21	14/02/1997	5	.	1	.	0	
ETSI publication	15/09/1997	5	.	1	.	1	
smg-25	20/03/1998	5	.	2	.	0	
ETSI publication	23/10/1998	5	.	2	.	1	
smg-29	25/06/1999	5	.	3	.	0	
ETSI publication	22/12/1999	5	.	3	.	1	
smg-31	16/02/2000	5	.	4	.	0	
ETSI Publication	28/11/2000	5	.	4	.	1	

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[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:* JORGENSEN, Per Johan

*history (event, available, version,*

smg-16	20/10/1995	5	.	0	.	0	
smg-17	02/02/1996	5	.	1	.	0	
smg-20	11/10/1996	5	.	1	.	1	
ETSI publication	05/05/1997	5	.	1	.	2	
smg-21	14/02/1997	5	.	2	.	0	
ETSI publication	19/12/1997	5	.	2	.	1	
smg-24	19/12/1997	5	.	3	.	0	

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 622

02 December 2002 20:53:15

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.18.1

freeze\_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	13/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	2
ETSI publication	27/02/1998	5	.	6	.	3
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	23/10/1998	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	16/12/1998	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	05/10/1999	5	.	13	.	1
ETSI publication	22/12/1999	5	.	13	.	1
smg-30	11/11/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-07	15/03/2000	5	.	15	.	0
ETSI publication	05/10/2000	5	.	15	.	1
smg-31 bis	17/04/2000	5	.	16	.	0
smg-32	20/06/2000	5	.	17	.	0
GP-01	12/10/2000	5	.	18	.	0
edito	02/11/2000	5	.	18	.	1

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
[get it](#) remarks - this release: Thomasen (even numbered CRs!)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 623

02 December 2002 20:53:15

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0				<i>remarks - general:</i>	
	edito 11/10/1996 5 . 0 . 1				<i>remarks - this release:</i>	
					<a href="#">get it</a>	
<hr/>						
<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-16 20/10/1995 5 . 0 . 0				<i>remarks - general:</i>	
	smg-17 02/02/1996 5 . 1 . 0				<i>remarks - this release:</i>	
	smg-20 11/10/1996 5 . 1 . 1				<a href="#">get it</a>	
	smg-21 14/02/1997 5 . 2 . 0				<a href="#">get it</a>	
	ETSI publication 15/09/1997 5 . 2 . 1				<a href="#">get it</a>	
	NP-09 24/10/2000 5 . 3 . 0				<a href="#">get it</a>	
<hr/>						
<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>					
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-19 28/06/1996 5 . 0 . 0				<i>remarks - general:</i>	
	smg-20 11/10/1996 5 . 0 . 1				<i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1	
	ETSI Publication 28/11/2000 5 . 0 . 2				<a href="#">get it</a>	
<hr/>						
<b>TS 04.13</b>	<b>Performance Requirements on Mobile Radio Interface</b>					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-18 12/04/1996 5 . 0 . 0				<i>remarks - general:</i>	
	smg-20 11/10/1996 5 . 1 . 0				<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0	
	ETSI Publication 28/11/2000 5 . 1 . 1				<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems w ith UMTS

# 3GPP specification status

Page 624

02 December 2002 20:53:15

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.14</b>	<b>Individual equipment type requirements and interworking; Special conformance testing functions</b>								
R96	current version: 5.1.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-26 26/06/1998	5	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	smg-27 16/10/1998	5	. 1	. 0	<a href="#">get it</a>	remarks - this release:			

---

<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MSBSS) Interface</b>								
R96	current version: 5.7.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-22	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-20 11/10/1996	5	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	smg-21 14/02/1997	5	. 1	. 0	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0			
						TSG#8:5.7.0			
	smg-22 13/06/1997	5	. 2	. 0	<a href="#">get it</a>				
	smg-23 17/10/1997	5	. 3	. 0	<a href="#">get it</a>				
	smg-24 19/12/1997	5	. 4	. 0	<a href="#">get it</a>				
	smg-25 20/03/1998	5	. 5	. 0	<a href="#">get it</a>				
	smg-27 16/10/1998	5	. 6	. 0	<a href="#">get it</a>				
	NP-08 21/06/2000	5	. 7	. 0	<a href="#">get it</a>				

---

<b>TS 04.22</b>	<b>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</b>								
R96	current version: <b>Switching Centre (BSS - MSC) interface</b>	5.6.1		WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert	
SIEMENS AG									
	freeze_meeting: smg-22			G: yes	U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,								
	smg-16 20/10/1995	5	. 0	. 0	<a href="#">get it</a>	remarks - general:			
	smg-20 11/10/1996	5	. 0	. 1	<a href="#">get it</a>	remarks - this release: #16: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #25: 5.4.0 #27: 5.5.0			
						tsg#6: 5.6.0			
	smg-21 14/02/1997	5	. 1	. 0	<a href="#">get it</a>				
	smg-22 13/06/1997	5	. 2	. 0	<a href="#">get it</a>				
	smg-23 17/10/1997	5	. 3	. 0	<a href="#">get it</a>				
	smg-25 20/03/1998	5	. 4	. 0	<a href="#">get it</a>				
	smg-27 16/10/1998	5	. 5	. 0	<a href="#">get it</a>				
	NP-06 13/12/1999	5	. 6	. 0	<a href="#">get it</a>				
	ETSI publication 17/07/2000	5	. 6	. 1	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 625

02 December 2002 20:53:16

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**  
R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3**  
R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 28/11/2000 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0

---

**TS 04.68 Group Call Control (GCC) Protocol**  
R96 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*  
smg-27 16/10/1998 5 . 1 . 0 [get it](#)  
smg-28 12/02/1999 5 . 2 . 0 [get it](#)  
smg-29 25/06/1999 5 . 3 . 0 [get it](#)  
smg-30 11/11/1999 5 . 4 . 0 [get it](#)  
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

---

**TS 04.69 Broadcast Call Control (BCC) protocol**  
R96 *current version:* 5.5.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-27 16/10/1998 5 . 1 . 0 [get it](#) *remarks - this release:*  
smg-28 12/02/1999 5 . 2 . 0 [get it](#)  
smg-29 25/06/1999 5 . 3 . 0 [get it](#)  
smg-30 11/11/1999 5 . 4 . 0 [get it](#)  
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 626

02 December 2002 20:53:16

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>				
R96	current version: 5.3.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-18 12/04/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-20 11/10/1996 5 . 0 . 1	<a href="#">get it</a>	remarks - this release:		
	smg-24 19/12/1997 5 . 1 . 0	<a href="#">get it</a>			
	smg-25 20/03/1998 5 . 2 . 0	<a href="#">get it</a>			
	smg-28 12/02/1999 5 . 3 . 0	<a href="#">get it</a>			
	ETSI Publication 12/03/1999 5 . 3 . 1	<a href="#">get it</a>			

---

<b>TS 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>				
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0		

---

<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>				
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0		

---

<b>TS 04.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3</b>				
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0		

---

<b>TS 04.84</b>	<b>Multi Party (MPTY) Supplementary Services; Stage 3</b>				
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 627

02 December 2002 20:53:16

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

<b>TS 04.85</b>	<b>Closed User Group (CUG) Supplementary Services; Stage 3</b>					
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release: #20: 5.0.0		
<b>TS 04.86</b>	<b>Advice of Charge (AoC) Supplementary Services; Stage 3</b>					
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>		remarks - this release: #20: 5.0.0		
<b>TS 04.88</b>	<b>Call Barring (CB) Supplementary Services; Stage 3</b>					
R96	current version: 5.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-24 19/12/1997 5 . 1 . 0	<a href="#">get it</a>		remarks - this release: #20: 5.0.0 #24: 5.1.0		
	ETSI Publication 19/01/1998 5 . 1 . 1	<a href="#">get it</a>				
<b>TS 04.90</b>	<b>Unstructured Supplementary Service Data (USSD)</b>					
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>		remarks - this release: #20: 5.0.0		
<b>TS 04.91</b>	<b>Explicit Call Transfer (ECT) Supplementary Service; Stage 3</b>					
R96	current version: 5.1.2	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-17 02/02/1996 5 . 1 . 0	<a href="#">get it</a>		remarks - this release: #16: 5.0.0 #17: 5.1.0		
	ETSI Publication 02/03/1996 5 . 1 . 2	<a href="#">get it</a>				

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 628

02 December 2002 20:53:17

Server ACTIVE specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

R96 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

R96 current version: 5.4.0  
freeze\_meeting: smg-22  
WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES  
G: yes U: MCC: USAI, Paolino

history (event, available, version,  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) remarks - general:  
smg-20 11/10/1996 5 . 1 . 0 [get it](#) remarks - this release:  
smg-21 14/02/1997 5 . 2 . 0 [get it](#)  
smg-22 13/06/1997 5 . 3 . 0 [get it](#)  
smg-25 20/03/1998 5 . 4 . 0 [get it](#)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96 current version: 5.10.0  
freeze\_meeting: smg-22  
WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist NOKIA Corporation  
G: yes U: MCC: USAI, Paolino

history (event, available, version,  
smg-18 12/04/1996 5 . 0 . 0 [get it](#) remarks - general:  
smg-19 28/06/1996 5 . 1 . 0 [get it](#) remarks - this release:  
smg-20 11/10/1996 5 . 2 . 0 [get it](#)  
ETSI publication 13/05/1997 5 . 2 . 1 [get it](#)  
smg-21 14/02/1997 5 . 3 . 0 [get it](#)  
ETSI publication 26/08/1997 5 . 3 . 1 [get it](#)  
smg-22 13/06/1997 5 . 4 . 0 [get it](#)  
ETSI publication 31/12/1997 5 . 4 . 1 [get it](#)  
smg-23 17/10/1997 5 . 5 . 0 [get it](#)  
smg-25 20/03/1998 5 . 6 . 0 [get it](#)  
ETSI publication 23/10/1998 5 . 6 . 1 [get it](#)  
smg-26 26/06/1998 5 . 7 . 0 [get it](#)  
ETSI publication 10/12/1998 5 . 7 . 1 [get it](#)  
smg-28 12/02/1999 5 . 8 . 0 [get it](#)  
ETSI publication 04/08/1999 5 . 8 . 1 [get it](#)  
GP-01 09/10/2000 5 . 9 . 0 [get it](#)  
GP-06 01/10/2001 5 . 10 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 629

02 December 2002 20:53:17

Server ACTIVE specs R96 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.03 Channel coding

R96 *current version:* 5.6.0  
*freeze\_meeting:* smg-22

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist  
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0  
smg-18 12/04/1996 5 . 1 . 0  
  
smg-19 26/06/1996 5 . 2 . 0  
smg-20 11/10/1996 5 . 2 . 1  
ETSI publication 12/05/1997 5 . 2 . 2  
smg-21 14/02/1997 5 . 3 . 0  
ETSI publication 26/08/1997 5 . 3 . 1  
smg-23 17/10/1997 5 . 4 . 0  
smg-25 20/03/1998 5 . 5 . 0  
ETSI publication 23/10/1998 5 . 5 . 1  
GP-01 09/10/2000 5 . 6 . 0

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0  
GERAN#1:5.6.0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 05.04 Modulation

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist  
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 13/05/1997 5 . 0 . 1  
smg-30 11/11/1999 5 . 1 . 0  
ETSI Publication 11/12/1999 5 . 1 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 630

02 December 2002 20:53:17

Server ACTIVE specs R96 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0

freeze\_meeting: smg-22

history (event, available, version,

smg-17	02/02/1996	5	.	0	.	0
smg-18	12/04/1996	5	.	1	.	0
smg-19	28/06/1996	5	.	2	.	0
smg-20	11/10/1996	5	.	3	.	0
ETSI publication	13/05/1997	5	.	3	.	1
smg-21	14/02/1997	5	.	4	.	0
ETSI publication	26/08/1997	5	.	4	.	1
smg-22	13/06/1997	5	.	5	.	0
ETSI publication	02/02/1998	5	.	5	.	1
smg-23	17/10/1997	5	.	6	.	0
smg-24	19/12/1997	5	.	7	.	0
ETSI publication	17/06/1998	5	.	7	.	1
smg-25	20/03/1998	5	.	8	.	0
ETSI publication	23/10/1998	5	.	8	.	1
smg-26	26/06/1998	5	.	9	.	0
ETSI publication	11/12/1998	5	.	9	.	1
smg-27	16/10/1998	5	.	10	.	0
ETSI publication	09/03/1999	5	.	10	.	1
smg-29	25/06/1999	5	.	11	.	0
ETSI publication	22/12/1999	5	.	11	.	1
smg-30	11/11/1999	5	.	12	.	0
GP-01	09/10/2000	5	.	13	.	0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 631

02 December 2002 20:53:17

Server ACTIVE specs R96 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio Subsystem Link Control

R96 current version: 5.10.0

freeze\_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-19	28/06/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	2	.	0
ETSI publication	03/06/1997	5	.	2	.	1
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-22	13/06/1997	5	.	4	.	0
ETSI publication	31/12/1997	5	.	4	.	1
smg-23	17/10/1997	5	.	5	.	0
smg-24	19/12/1997	5	.	6	.	0
ETSI publication	17/06/1998	5	.	6	.	1
smg-25	20/03/1998	5	.	7	.	0
ETSI publication	23/10/1998	5	.	7	.	1
smg-26	26/06/1998	5	.	8	.	0
ETSI publication	10/12/1998	5	.	8	.	1
smg-27	16/10/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
GP-01	10/10/2000	5	.	10	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 05.10 Radio subsystem synchronization

R96 current version: 5.4.1

freeze\_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-20	11/10/1996	5	.	1	.	0
ETSI publication	03/06/1997	5	.	1	.	1
smg-23	17/10/1997	5	.	2	.	0
draft	19/03/1999	5	.	2	.	1
ETSI publication	04/08/1999	5	.	2	.	2
GP-01	10/10/2000	5	.	3	.	0
GP-02	24/11/2000	5	.	4	.	0
edito	30/11/2000	5	.	4	.	1

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 632

02 December 2002 20:53:18

Server ACTIVE specs R96 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TR 05.22 Radio link management in hierarchical networks**  
R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0

---

**TR 05.50 Background for RF Requirements**  
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* Peter Skov  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1  
smg-23 17/10/1997 5 . 1 . 1 [get it](#)

---

**TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations**  
R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-20 28/05/1998 5 . 0 . 0 No proper source file available [get it](#) *remarks - general:*  
*remarks - this release:* .

---

R96 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TS 06.01 Full Rate Speech Processing Functions**  
R96 *current version:* 5.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-23 17/10/1997 5 . 1 . 0 [get it](#) *remarks - this release:*  
ETSI Publication 17/11/1997 5 . 1 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 633

02 December 2002 20:53:18

Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>							
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,							
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:				
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>		remarks - this release: #20: 5.0.0				
<hr/>								
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>							
R96	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,							
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:				
	smg-22 13/06/1997 5 . 1 . 0	<a href="#">get it</a>		remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1				
	smg-23 17/10/1997 5 . 1 . 1	<a href="#">get it</a>						
<hr/>								
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>							
R96	current version: 5.2.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,							
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:				
	smg-22 13/06/1997 5 . 1 . 0	<a href="#">get it</a>		remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0				
	smg-23 17/10/1997 5 . 2 . 0	<a href="#">get it</a>						
	ETSI Publication 17/11/1997 5 . 2 . 1	<a href="#">get it</a>						
<hr/>								
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>							
R96	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,							
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:				
				remarks - this release: #20: 5.0.0				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 634

02 December 2002 20:53:18

Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.10 Full Rate Speech Transcoding

R96 *current version:* 5.3.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
smg-23 17/10/1997 5 . 1 . 0  
smg-32 20/06/2000 5 . 2 . 0  
ETSI Publication 04/01/2001 5 . 2 . 1  
SP-12 29/06/2001 5 . 3 . 0

*WG (prime / other):* S4 / - *rapporteur:* LORENZ, Dietmar  
*G: yes U:* MCC: USAI, Paolino

PHILIPS Semiconductors

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

## TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

R96 *current version:* 5.0.1  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
smg-23 17/10/1997 5 . 0 . 1

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William  
*G: yes U:* MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0 #23: 5.0.1

## TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

R96 *current version:* 5.1.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI Publication 11/11/1996 5 . 0 . 1  
SP-12 29/06/2001 5 . 1 . 0

*WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele  
*G: yes U:* MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0  
[get it](#)

## TS 06.20 Half Rate Speech Transcoding

R96 *current version:* 5.1.1  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
smg-22 13/06/1997 5 . 1 . 0  
ETSI Publication 13/07/1997 5 . 1 . 1

*WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve  
*G: yes U:* MCC: USAI, Paolino

MOTOROLA Ltd

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #20: 5.0.0 #22: 5.1.0  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 635

02 December 2002 20:53:19

Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>					
R96	current version: 5.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 11/11/1996 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0			
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>					
R96	current version: 5.1.0	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-22 13/06/1997 5 . 1 . 0	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #22: 5.1.0			
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
R96	current version: 5.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-23 17/10/1997 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #23: 5.0.1			
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>					
R96	current version: 5.0.3	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-23 17/10/1997 5 . 0 . 2	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #23: 5.0.2			
	ETSI Publication 17/11/1997 5 . 0 . 3	<a href="#">get it</a>				
<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>					
R96	current version: 5.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: smg-22	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-22 13/06/1997 5 . 0 . 1	<a href="#">get it</a>	remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0			
	smg-23 17/10/1997 5 . 1 . 0	<a href="#">get it</a>				
	ETSI Publication 17/11/1997 5 . 1 . 1	<a href="#">get it</a>				

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 636

02 December 2002 20:53:19

Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>								
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-22 13/06/1997	5 . 0 . 1		<a href="#">get it</a>	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.0.1				
<hr/>									
<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>								
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-19 28/06/1996	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0 TSG#10:5.3.0				
	smg-20 11/10/1996	5 . 1 . 1		<a href="#">get it</a>					
	ETSI publication 28/03/1997	5 . 1 . 2		<a href="#">get it</a>					
	smg-32 20/06/2000	5 . 2 . 0		<a href="#">get it</a>					
	ETSI publication	5 . 2 . 1							
	SP-10 20/12/2000	5 . 3 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec</b>								
R96	<i>current version:</i> 5.1.3	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-19 28/06/1996	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>				
	smg-20 11/10/1996	5 . 1 . 1		<a href="#">get it</a>					
	ETSI publication 13/01/2000	5 . 1 . 2		<a href="#">get it</a>					
	smg-23 17/10/1997	5 . 1 . 3		<a href="#">get it</a>					

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 637

02 December 2002 20:53:19

Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

## TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 *current version:* 5.3.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
smg-22 13/06/1997 5 . 1 . 0  
ETSI publication 27/02/1998 5 . 1 . 1  
smg-32 20/06/2000 5 . 2 . 0  
SP-10 20/12/2000 5 . 3 . 0

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

## TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 *current version:* 5.0.0  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek  
*G: yes U:* MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*  
*remarks - this release:* #19: 5.0.0

## TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0  
smg-19 28/06/1996 5 . 1 . 0  
smg-20 11/10/1996 5 . 1 . 1  
smg-23 17/10/1997 5 . 1 . 3  
smg-25 20/03/1998 5 . 2 . 0  
ETSI Publication 20/04/1998 5 . 2 . 1

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0  
[get it](#)  
[get it](#)  
[get it](#)

## TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0  
smg-19 28/06/1996 5 . 1 . 0  
smg-20 11/10/1996 5 . 1 . 1  
ETSI Publication 11/11/1996 5 . 1 . 2

*WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari  
*G: yes U:* MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1  
[get it](#)  
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 638

02 December 2002 20:53:20

Server ACTIVE specs R96 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>					
R96	current version: 5.1.3	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	smg-19 28/06/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3	
	smg-20 11/10/1996	5 . 1 . 1		<a href="#">get it</a>		
	smg-23 17/10/1997	5 . 1 . 3		<a href="#">get it</a>		

---

<b>TS 06.81</b>	<b>Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels</b>					
R96	current version: 5.2.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	smg-19 28/06/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0	
	smg-20 11/10/1996	5 . 1 . 1		<a href="#">get it</a>		
	smg-22 13/06/1997	5 . 1 . 2		<a href="#">get it</a>		
	smg-30 11/11/1999	5 . 2 . 0		<a href="#">get it</a>		
	ETSI Publication 09/05/2000	5 . 2 . 1		<a href="#">get it</a>		

---

<b>TS 06.82</b>	<b>Voice Activity Detection (VAD) for enhanced full rate speech traffic channels</b>					
R96	current version: 5.0.3	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	smg-20 11/10/1996	5 . 0 . 2		<a href="#">get it</a>	remarks - this release: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3	
	smg-22 13/06/1997	5 . 0 . 3		<a href="#">get it</a>		

---

<b>TR 06.85</b>	<b>Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation</b>					
R96	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-26 26/06/1998	5 . 0 . 0		<a href="#">get it</a>	remarks - general:	
					remarks - this release: #26: 5.0.0	

---

G = required in systems with GERAN access; U = required in systems with UMTS



# 3GPP specification status

Page 639

02 December 2002 20:53:20

Server ACTIVE specs R96 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

R96 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96	<i>current version:</i> 5.9.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIIK, Rune Werner	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version,</i>				
smg-16	20/10/1995	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-17	02/02/1996	5 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-18	12/04/1996	5 . 1 . 1	<a href="#">get it</a>	
smg-19	28/06/1996	5 . 2 . 0	<a href="#">get it</a>	
smg-20	11/10/1996	5 . 3 . 0	<a href="#">get it</a>	
smg-21	14/02/1997	5 . 4 . 0	<a href="#">get it</a>	
smg-22	13/06/1997	5 . 5 . 0	<a href="#">get it</a>	
smg-23	17/10/1997	5 . 6 . 0	<a href="#">get it</a>	
smg-24	19/12/1997	5 . 7 . 0	<a href="#">get it</a>	
smg-25	20/03/1998	5 . 8 . 0	<a href="#">get it</a>	
smg-28	12/02/1999	5 . 9 . 0	<a href="#">get it</a>	
ETSI Publication	12/03/1999	5 . 9 . 1	<a href="#">get it</a>	

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96	<i>current version:</i> 5.5.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIIK, Rune Werner	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David	
<i>history (event, available, version,</i>				
smg-16	20/10/1995	5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-18	12/04/1996	5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0</i>
smg-20	11/10/1996	5 . 1 . 1	<a href="#">get it</a>	
smg-21	14/02/1997	5 . 2 . 0	<a href="#">get it</a>	
smg-22	13/06/1997	5 . 3 . 0	<a href="#">get it</a>	
smg-23	17/10/1997	5 . 4 . 0	<a href="#">get it</a>	
smg-24	19/12/1997	5 . 5 . 0	<a href="#">get it</a>	
ETSI Publication	19/01/1998	5 . 5 . 1	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 640

02 December 2002 20:53:20

Server ACTIVE specs R96 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R96 *current version:* 5.4.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version,*

smg-18	12/04/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-20	11/10/1996	5	.	0	.	1	<a href="#">get it</a>	<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	14/02/1997	5	.	1	.	0	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	2	.	0	<a href="#">get it</a>	
smg-23	17/10/1997	5	.	3	.	0	<a href="#">get it</a>	
smg-24	19/12/1997	5	.	4	.	0	<a href="#">get it</a>	
ETSI Publication	19/01/1998	5	.	4	.	1	<a href="#">get it</a>	

## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-19	28/06/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-20	11/10/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-21	14/02/1997	5	.	2	.	0	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	3	.	0	<a href="#">get it</a>	
smg-23	17/10/1997	5	.	4	.	0	<a href="#">get it</a>	
smg-24	19/12/1997	5	.	5	.	0	<a href="#">get it</a>	

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*

smg-19	28/06/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-20	11/10/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-21	14/02/1997	5	.	2	.	0	<a href="#">get it</a>	
smg-22	13/06/1997	5	.	3	.	0	<a href="#">get it</a>	
smg-23	17/10/1997	5	.	4	.	0	<a href="#">get it</a>	
smg-24	19/12/1997	5	.	5	.	0	<a href="#">get it</a>	
smg-25	20/03/1998	5	.	6	.	0	<a href="#">get it</a>	
smg-26	26/06/1998	5	.	7	.	0	<a href="#">get it</a>	
smg-27	16/10/1998	5	.	8	.	0	<a href="#">get it</a>	
smg-29	25/06/1999	5	.	9	.	0	<a href="#">get it</a>	
ETSI Publication	25/07/1999	5	.	9	.	1	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 641

02 December 2002 20:53:21

Server ACTIVE specs R96 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TS 07.08 GSM Application Programming Interface**  
R96 *current version:* 5.2.1  
*freeze\_meeting:* smg-22

*WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
Friedhelm  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0  
smg-24 19/12/1997 5 . 2 . 0 [get it](#)  
ETSI Publication 19/01/1998 5 . 2 . 1 [get it](#)

---

**TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS**  
R96 *current version:* 5.1.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd  
BOSWARTHICK, David  
*G: yes U:* *MCC:*

*history (event, available, version,*  
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* #24: 5.1.0

---

R96 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](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  
*freeze\_meeting:* smg-22

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 08.02 Base Station System- Mobile Services Switching Centre (BSS-MSC) Interface- Interface Principles**  
R96 *current version:* 5.1.0  
*freeze\_meeting:* smg-22

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
*G: yes U:* *MCC:* THOMASEN, Gert

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 642

02 December 2002 20:53:21

Server ACTIVE specs R96 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-20	11/10/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:	
					remarks - this release:	

---

<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>					
R96	current version: 5.3.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-17	02/02/1996	5	. 0 . 0	<a href="#">get it</a>	remarks - general:	
smg-18	12/04/1996	5	. 1 . 0	<a href="#">get it</a>	remarks - this release:	
smg-25	20/03/1998	5	. 2 . 0	<a href="#">get it</a>		
smg-28	12/02/1999	5	. 3 . 0	<a href="#">get it</a>		

---

<b>TS 08.08</b>	<b>Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification</b>					
R96	current version: 5.12.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-16	20/10/1995	5	. 0 . 0	<a href="#">get it</a>	remarks - general:	
smg-17	02/02/1996	5	. 1 . 0	<a href="#">get it</a>	remarks - this release:	
		5	. 2 . 0			
		5	. 3 . 0			
smg-20	11/10/1996	5	. 4 . 0	<a href="#">get it</a>		
smg-21	14/02/1997	5	. 5 . 0	<a href="#">get it</a>		
smg-22	13/06/1997	5	. 6 . 0	<a href="#">get it</a>		
		5	. 7 . 0			
		5	. 8 . 0			
smg-25		5	. 9 . 0			
	29/06/1998	5	. 10 . 0	<a href="#">get it</a>		
smg-29	25/06/1999	5	. 11 . 0	<a href="#">get it</a>		
smg-31 bis	17/04/2000	5	. 12 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 643

02 December 2002 20:53:21

Server ACTIVE specs R96 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.18</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol</b>								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-24 19/12/1997 5 . 0 . 0	withdrawn smg-25	<a href="#">get it</a>	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>								
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
	smg-21 14/02/1997 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>						
	smg-22 13/06/1997 5 . 2 . 0	<a href="#">get it</a>							
	smg-24 19/12/1997 5 . 3 . 0	<a href="#">get it</a>							
	NP-11 04/04/2001 5 . 4 . 0	<a href="#">get it</a>							
<hr/>									
<b>TS 08.51</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
<b>TS 08.52</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface - Interface Principles</b>								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 644

02 December 2002 20:53:21

Server ACTIVE specs R96 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>					
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 08.58</b>	<b>Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>					
R96	current version: 5.10.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0	<a href="#">get it</a>		remarks - general:		
	smg-17 02/02/1996 5 . 1 . 0	<a href="#">get it</a>		remarks - this release:	#16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0	
					#25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0	
	smg-19 28/06/1996 5 . 2 . 0	<a href="#">get it</a>				
	smg-21 14/02/1997 5 . 3 . 0	<a href="#">get it</a>				
	smg-22 13/06/1997 5 . 4 . 0	<a href="#">get it</a>				
	smg-23 17/10/1997 5 . 5 . 0	<a href="#">get it</a>				
	smg-24 19/12/1997 5 . 6 . 0	<a href="#">get it</a>				
	smg-25 20/03/1998 5 . 7 . 0	<a href="#">get it</a>				
	smg-26 26/06/1998 5 . 8 . 0	<a href="#">get it</a>				
	smg-29 25/06/1999 5 . 9 . 0	<a href="#">get it</a>				
	smg-30 11/11/1999 5 . 10 . 0	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 645

02 December 2002 20:53:22

Server ACTIVE specs R96 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels**  
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*  
smg-20 11/10/1996 5 . 0 . 2 [get it](#)  
smg-22 13/06/1997 5 . 1 . 0 [get it](#)  
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

---

**TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels**  
R96 *current version:* 5.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.  
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

---

R96 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](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 SONERA Corporation  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 646

02 December 2002 20:53:22

Server ACTIVE specs R96 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.17.1

freeze\_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	03/06/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
edito	23/05/1997	5	.	5	.	1
ETSI publication	05/11/1997	5	.	5	.	2
smg-22	13/06/1997	5	.	6	.	0
ETSI publication	02/02/1998	5	.	6	.	1
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
ETSI publication	23/07/1998	5	.	8	.	1
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	05/09/1999	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
ETSI publication	04/08/1999	5	.	12	.	1
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	29/12/1999	5	.	13	.	1
NP-05	08/10/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-06	15/12/1999	5	.	15	.	0
NP-09	13/11/2000	5	.	16	.	0
NP-15	04/04/2002	5	.	17	.	0
include SDLs	22/07/2002	5	.	17	.	1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: CN->N4 Apr00 (JMM)  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 647

02 December 2002 20:53:22

Server ACTIVE specs R96 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.03</b>	<b>Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile</b>
R96	<i>current version:</i> <b>Network (PLMN)</b>
ETSI Secretariat	5.0.0
	<i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
	<i>freeze_meeting:</i> smg-22
	<i>history (event, available, version,</i>
	smg-20 11/10/1996 5 . 0 . 0
	<i>G:</i> yes <i>U:</i>
	<i>MCC:</i> BOSWARTHICK, David
	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
	<i>remarks - this release:</i> #20: 5.0.0

---

<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>
R96	<i>current version:</i> 5.0.0
ETSI Secretariat	<i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
	<i>freeze_meeting:</i> smg-22
	<i>history (event, available, version,</i>
	smg-20 11/10/1996 5 . 0 . 0
	<i>G:</i> yes <i>U:</i>
	<i>MCC:</i> BOSWARTHICK, David
	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
	<i>remarks - this release:</i> #20: 5.0.0

---

<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>
R96	<i>current version:</i> 5.0.0
ETSI Secretariat	<i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
	<i>freeze_meeting:</i> smg-22
	<i>history (event, available, version,</i>
	smg-20 11/10/1996 5 . 0 . 0
	<i>G:</i> yes <i>U:</i>
	<i>MCC:</i> BOSWARTHICK, David
	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
	<i>remarks - this release:</i> #20: 5.0.0

---

<b>TS 09.06</b>	<b>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</b>
R96	<i>current version:</i> <b>Switched Data Transmission Services</b>
ETSI Secretariat	5.0.2
	<i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
	<i>freeze_meeting:</i> smg-22
	<i>history (event, available, version,</i>
	smg-19 28/06/1996 5 . 0 . 0
	smg-20 11/10/1996 5 . 0 . 1
	ETSI Publication 11/11/1996 5 . 0 . 2
	<i>G:</i> yes <i>U:</i>
	<i>MCC:</i> BOSWARTHICK, David
	<a href="#">get it</a> <i>remarks - general:</i> N3: "no R99 needed".
	<a href="#">get it</a> <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
	<a href="#">get it</a>

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 648

02 December 2002 20:53:22

Server ACTIVE specs R96 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
R96	current version: Network (PSTN)	5.10.1	WG (prime / other):	N3	/-	rporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes U:	MCC:			BOSWARTHICK, David		
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-17 02/02/1996	5 . 0 . 1		<a href="#">get it</a>	remarks - this release:	#16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0			
	smg-18 12/04/1996	5 . 1 . 0		<a href="#">get it</a>					
	smg-19 28/06/1996	5 . 2 . 0		<a href="#">get it</a>					
	smg-20 11/10/1996	5 . 2 . 1		<a href="#">get it</a>					
	smg-21 14/02/1997	5 . 3 . 0		<a href="#">get it</a>					
	smg-22 13/06/1997	5 . 4 . 0		<a href="#">get it</a>					
	smg-23 17/10/1997	5 . 5 . 0		<a href="#">get it</a>					
	smg-24 19/12/1997	5 . 6 . 0		<a href="#">get it</a>					
	smg-25 20/03/1998	5 . 7 . 0		<a href="#">get it</a>					
	smg-27 16/10/1998	5 . 8 . 0		<a href="#">get it</a>					
	smg-28 12/02/1999	5 . 9 . 0		<a href="#">get it</a>					
	NP-06 15/12/1999	5 . 10 . 0		<a href="#">get it</a>					
	ETSI Publication 05/07/2000	5 . 10 . 1		<a href="#">get it</a>					
<b>TS 09.08</b>	<b>Application of the Base Station System Application Part (BSSAP) on the E-Interface</b>								
R96	current version: 5.1.0		WG (prime / other):	N1 / -	rporteur:	FARHOUMAND, Ericsson Incorporated			
	freeze_meeting: smg-22					Rouzbek			
	history (event, available, version,		G: yes U:	MCC:		JORGENSEN, Per Johan			
	smg-20 11/10/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-21 14/02/1997	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#20: 5.0.0 #21: 5.1.0			
<b>TS 09.10</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
R96	current version: Procedures and the Mobile Application Part (MAP)	5.2.0	WG (prime / other):	N4	/-	rporteur:	KYMALAINEN, Kimmo		
SONERA Corporation									
	freeze_meeting: smg-22		G: yes U:	MCC:			KYMALAINEN, Kimmo		
	history (event, available, version,								
	smg-17 02/02/1996	5 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-18 12/04/1996	5 . 1 . 0		<a href="#">get it</a>	remarks - this release:	#17: 5.0.0 #18: 5.1.0 #23: 5.2.0			
	smg-23 17/10/1997	5 . 2 . 0		<a href="#">get it</a>					

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 649

02 December 2002 20:53:23

Server ACTIVE specs R96 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-18 12/04/1996	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-19 28/06/1996	5	.	1	.	0	<a href="#">get it</a>	remarks - this release: #18: 5.0.0 #19: 5.1.0	
<hr/>									
<b>TS 09.78</b>	<b>CAMEL Application Part phase 2 (stage 3)</b>								
R96	current version: 5.7.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-22	G: yes	U:	MCC:	JURISIC, Andrijana				
	history (event, available, version,								
	smg-21 14/02/2000	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-22 13/06/1997	5	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
	smg-23 17/10/1997	5	.	2	.	0	<a href="#">get it</a>		
	smg-24 19/12/1997	5	.	3	.	0	<a href="#">get it</a>		
	smg-25 20/03/1998	5	.	4	.	0	<a href="#">get it</a>		
	smg-26 26/06/1998	5	.	5	.	0	<a href="#">get it</a>		
	smg-28 12/02/1999	5	.	6	.	0	<a href="#">get it</a>		
	smg-29 25/06/1999	5	.	7	.	0	<a href="#">get it</a>		
<hr/>									
<b>TR 09.90</b>	<b>Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)</b>								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	<to be defined> 02/02/1996	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-22 02/01/2001	5	.	1	.	0	<a href="#">get it</a>	remarks - this release:	
<hr/>									
<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes	U:	MCC:	Peter Skov JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	NP-16 26/06/2002	5	.	1	.	0	<a href="#">get it</a>	remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 650

02 December 2002 20:53:23

Server ACTIVE specs R96 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

R96 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](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:* SULTAN, Alain  
*history (event, available, version,*  
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #19: 5.0.0 & 5.1.0 #20: 5.2.0 Jun00: version we have is actually 5.1.2 !  
smg-20 11/10/1996 5 . 2 . 0 [get it](#)  
Editorial correction 11/11/1996 5 . 2 . 1 [get it](#)

## TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-21 14/02/1997 1 . 0 . 0 [get it](#) *remarks - general:*  
smg-25 20/03/1998 1 . 1 . 0 [get it](#) *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0  
smg-25 20/03/1998 5 . 0 . 0 [get it](#)  
smg-28 12/02/1999 5 . 1 . 0 [get it](#)

## TR 10.14 System overview for 14.4 kbit/s Work Item

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* SULTAN, Alain  
*history (event, available, version,*  
draft 23/07/1997 1 . 0 . 1 [get it](#) *remarks - general:* still alive? June-2001:no. So no propogation to later releases.  
smg-22 2 . 0 . 0 [get it](#) *remarks - this release:*  
smg-22 13/06/1997 5 . 0 . 0 [get it](#)

R96 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 651

02 December 2002 20:53:23

Server ACTIVE specs R96 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

R96 current version: 5.12.2 WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
 freeze\_meeting: smg-22 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0  
 smg-21 14/02/1997 5 . 1 . 0

11-19: G4->G5.

smg-22 13/06/1997 5 . 2 . 0  
 smg-23 17/10/1997 5 . 3 . 0  
 smg-24 19/12/1997 5 . 4 . 0  
 smg-25 20/03/1998 5 . 5 . 0  
 smg-26 06/06/1998 5 . 6 . 0  
 smg-27 16/10/1998 5 . 7 . 0  
 smg-28 12/02/1999 5 . 8 . 0  
 smg-29 25/06/1999 5 . 9 . 0  
 smg-30 11/11/1999 5 . 10 . 0  
 smg-31 16/02/2000 5 . 11 . 0  
 Editorial correction 16/02/2000 5 . 11 . 1  
 GP-06 06/09/2001 5 . 12 . 0  
 Editorial correction 01/08/2002 5 . 12 . 1  
 Editorial correction 02/08/2002 5 . 12 . 2

[get it](#) remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently  
[get it](#) remarks - this release: #31bis: closed (R99 version serves all releases) replaced by Rel-5 equivalent. 2001-

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R96 current version: 5.1.0 WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
 freeze\_meeting: smg-22 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-30 11/11/1999 5 . 0 . 0  
 smg-18 12/04/1996 5 . 0 . 0  
 ETSI publication 23/06/2000 5 . 0 . 1  
 GP-06 06/09/2001 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.  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 652

02 December 2002 20:53:24

Server ACTIVE specs R96 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification

R96 *current version:* 5.5.0 *WG (prime / other):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting:* smg-22 T3

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

smg-30 11/11/1999 5 . 0 . 0 [get it](#)

smg-31 16/02/2000 5 . 1 . 0 [get it](#)

this spec from G5, and to approve a new R99 version not derived from R96

*remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take  
*remarks - this release:* GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from over

also to withdraw the R96 version, since the R99 version will cover all

G5, and to approve a new R99 version not derived from R96 by CR; also to by CR;

editorial 15/09/2000 5 . 1 . 1 [get it](#)

withdraw the R96 version, since the R99 version will cover all previous Releases.

previous Releases.

GP-02 30/11/2000 5 . 2 . 0 [get it](#)

GP-04 29/03/2001 5 . 3 . 0 [get it](#)

GP-04 11/04/2001 5 . 3 . 0 [get it](#)

GP-06 31/08/2001 5 . 4 . 0 [get it](#)

GP-07 09/01/2002 5 . 5 . 0 [get it](#)

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96 *current version:* 5.10.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version,*

smg-16 20/10/1995 5 . 0 . 0 [get it](#)

smg-17 02/02/1996 5 . 1 . 0 [get it](#)

smg-18 12/04/1996 5 . 2 . 0 [get it](#)

smg-19 28/06/1996 5 . 3 . 0 [get it](#)

smg-20 11/10/1996 5 . 4 . 0 [get it](#)

smg-21 14/02/1997 5 . 5 . 0 [get it](#)

smg-22 13/06/1997 5 . 6 . 0 [get it](#)

smg-23 17/10/1997 5 . 7 . 0 [get it](#)

smg-24 19/12/1997 5 . 8 . 0 [get it](#)

smg-25 20/03/1998 5 . 9 . 0 [get it](#)

smg-26 26/06/1998 5 . 10 . 0 [get it](#)

Editorial correction 26/06/1998 5 . 10 . 1 [get it](#)

*remarks - general:*  
*remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 653

02 December 2002 20:53:24

Server ACTIVE specs R96 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.14</b>	<b>Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface</b>								
R96	<i>current version:</i> 5.9.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-27								
	<i>history (event, available, version,</i>			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	smg-18 12/04/1996	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-19 28/06/1996	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-20 11/10/1996	5	.	2	.	0	<a href="#">get it</a>		
	smg-21 14/02/1997	5	.	3	.	0	<a href="#">get it</a>		
	smg-22 13/06/1997	5	.	4	.	0	<a href="#">get it</a>		
	smg-23 17/10/1997	5	.	5	.	0	<a href="#">get it</a>		
	smg-24 19/12/1997	5	.	6	.	0	<a href="#">get it</a>		
	smg-25 20/03/1998	5	.	7	.	0	<a href="#">get it</a>		
	smg-26 26/06/1998	5	.	8	.	0	<a href="#">get it</a>		
	smg-27 16/10/1998	5	.	9	.	0	<a href="#">get it</a>		

---

<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>								
R96	<i>current version:</i> 5.5.0			<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-22 13/06/1997	5	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-23 17/10/1997	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-25 20/03/1998	5	.	2	.	0	<a href="#">get it</a>		
	smg-26 26/06/1998	5	.	3	.	0	<a href="#">get it</a>		
	smg-27 16/10/1998	5	.	4	.	0	<a href="#">get it</a>		
	Editorial correction 16/10/1998	5	.	4	.	1	<a href="#">get it</a>		
	GP-09 15/05/2002	5	.	5	.	0	<a href="#">get it</a>		

---

<b>TS 11.26</b>	<b>Base Station System (BSS) equipment specification; Part 4: Repeaters</b>								
R96	<i>current version:</i> 5.2.1			<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> smg-22			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	<to be defined>	5	.	0	.	0		<i>remarks - general:</i>	
	smg-25 20/03/1998	5	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-26 26/06/1998	5	.	2	.	0	<a href="#">get it</a>		
	Editorial correction 26/06/1998	5	.	2	.	1	<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 654

02 December 2002 20:53:24

Server ACTIVE specs R96 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

R96 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](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 *rappporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
smg-22 13/06/1997 5 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 13/07/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 12.05 Subscriber Related Call and Event Data**

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rappporteur:* BENDER, James Nortel Networks (USA)  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:*  
Editorial correction 17/10/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

---

**TS 12.08 Subscriber and Equipment trace**

R96 *current version:* 5.1.1 *WG (prime / other):* S5 / NP *rappporteur:* RONKA, Kari NOKIA Corporation  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:*  
smg-25 20/03/1998 5 . 1 . 0 [get it](#) *remarks - this release:*  
Editorial correction 20/03/1998 5 . 1 . 1 [get it](#)

---

**TS 12.21 Network Management (NM) procedures and messages on the A-bis interface**

R96 *current version:* 5.0.0 *WG (prime / other):* G3 / S5 *rappporteur:* TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G: yes U:* *MCC:* USAI, Paulino  
*history (event, available, version,*  
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.  
*remarks - this release:*

---

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS



## Ph2

Ph2 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TS 01.02</b>	<b>General Description of a GSM Public Land Mobile Network (PLMN)</b>								
Ph2	<i>current version:</i> 4.0.2	WG (prime / other):	S1	/ GP /	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	<i>freeze_meeting:</i>			NP					
		G: yes	U:		MCC:	CLAYTON, Michael			
<i>history (event, available, version,</i>									
smg-07	25/06/1993	4	.	0	.	1		<a href="#">get it</a>	remarks - general:
smg-08	01/10/1993	4	.	0	.	2		<a href="#">get it</a>	remarks - this release:

---

<b>TR 01.04</b>	<b>Abbreviations and acronyms</b>								
Ph2	<i>current version:</i> 4.1.2	WG (prime / other):	GP	/ -	rapporteur:	CLAYTON, Michael	EMCOMLtd		
	<i>freeze_meeting:</i>	G: yes	U:		MCC:	USAI, Paolino			
<i>history (event, available, version,</i>									
smg-08	01/10/1993	4	.	0	.	1		<a href="#">get it</a>	remarks - general:
smg-09	21/01/1994	4	.	0	.	3		<a href="#">get it</a>	remarks - this release:
smg-10	15/04/1994	4	.	0	.	4		<a href="#">get it</a>	
smg-11	01/07/1994	4	.	1	.	0		<a href="#">get it</a>	
smg-12	07/10/1994	4	.	1	.	1		<a href="#">get it</a>	
smg-14	07/04/1994	4	.	1	.	2		<a href="#">get it</a>	

---

Ph2 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

# 3GPP specification status

Page 656

02 December 2002 20:53:25

Server ACTIVE specs Ph2 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.01</b>	<b>Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)</b>					
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 3 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-10 15/04/1994 4 . 4 . 0	<a href="#">get it</a>				
	smg-11 01/07/1994 4 . 4 . 1	<a href="#">get it</a>				
	smg-12 07/10/1994 4 . 5 . 0	<a href="#">get it</a>				
	smg-15 07/07/1995 4 . 6 . 0	<a href="#">get it</a>				

---

<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>					
Ph2	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	PT12 final draft 09/05/1994 4 . 2 . 1	<a href="#">get it</a>				
	ETSI publication 10/06/1998 4 . 2 . 2	<a href="#">get it</a>				

---

<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 2	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-11 01/07/1994 4 . 3 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	ETSI publication 19/01/1996 4 . 3 . 1	<a href="#">get it</a>				

---

<b>TS 02.04</b>	<b>General on Supplementary Services</b>					
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 5 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 6 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
	smg-10 15/04/1994 4 . 7 . 0	<a href="#">get it</a>				
	smg-12 07/10/1994 4 . 8 . 0	<a href="#">get it</a>				
	smg-15 07/07/1995 4 . 9 . 0	<a href="#">get it</a>				
	smg-16 20/10/1995 4 . 9 . 1	<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 657

02 December 2002 20:53:25

Server ACTIVE specs Ph2 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.06 Types of Mobile Stations (MS)

Ph2 current version: 4.5.2  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 1 . 1  
smg-08 01/10/1993 4 . 2 . 0  
smg-14 07/04/1995 4 . 3 . 0  
smg-16 07/07/1995 4 . 4 . 0  
smg-22 13/06/1997 4 . 5 . 0  
ETSI OAP 21/07/1997 4 . 5 . 1  
ETSI publication 14/01/1998 4 . 5 . 2

WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc  
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 02.07 Mobile Station (MS) Features

Ph2 current version: 4.8.2  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 4 . 1  
smg-08 01/10/1993 4 . 4 . 2  
smg-10 15/04/1994 4 . 5 . 0  
smg-11 01/07/1994 4 . 6 . 0  
smg-15 07/07/1995 4 . 7 . 0  
smg-22 13/06/1997 4 . 8 . 0  
ETSI OAP 21/07/1997 4 . 8 . 1  
ETSI publication 14/01/1998 4 . 8 . 2

WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc  
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 02.09 Security aspects

Ph2 current version: 4.5.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 2 . 1  
smg-12 07/10/1994 4 . 3 . 0  
smg-22 13/06/1997 4 . 4 . 0  
ETSI publication 14/01/1998 4 . 4 . 1  
SP-31 16/02/2000 4 . 5 . 0  
ETSI publication 29/08/2000 4 . 5 . 1

WG (prime / other): S3 / S1 / rapporteur: CHRISTOFFERSSON, Telia Promotor AB  
NP Per  
G: yes U: MCC: POPE, Maurice

[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

# 3GPP specification status

Page 658

02 December 2002 20:53:25

Server ACTIVE specs Ph2 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.11</b>	<b>Service Accessibility</b>					
Ph2	current version: 4.9.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993	4 . 5 . 1		<a href="#">get it</a>	remarks - general:	
	smg-10 15/04/1994	4 . 6 . 0		<a href="#">get it</a>	remarks - this release:	
	ETSI OAP 21/08/1995	4 . 7 . 0		<a href="#">get it</a>		
	smg-16 20/10/1995	4 . 8 . 0		<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 9 . 0		<a href="#">get it</a>		

---

<b>TS 02.16</b>	<b>International Mobile Station Equipment Identities (IME)</b>					
Ph2	current version: 4.7.1	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-07 25/06/1993	4 . 3 . 1		<a href="#">get it</a>	remarks - general:	
	smg-12 07/10/1994	4 . 4 . 0		<a href="#">get it</a>	remarks - this release:	
	smg-13 27/01/1995	4 . 5 . 0		<a href="#">get it</a>		
	smg-30 11/11/1999	4 . 6 . 0		<a href="#">get it</a>		
	ETSI publication 07/07/2000	4 . 6 . 1		<a href="#">get it</a>		
	smg-08 01/10/1993	4 . 7 . 0		<a href="#">get it</a>		
	ETSI publication 28/11/2000	4 . 7 . 1		<a href="#">get it</a>		

---

<b>TS 02.17</b>	<b>Subscriber Identity Module (SIM); Functional characteristics</b>					
Ph2	current version: 4.3.3	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD
	freeze_meeting:	G: yes	U:	MCC:	DIETZE, Claus	
	history (event, available, version,					
	.. 30/08/2001	4 . 0 . 0		<a href="#">get it</a>	remarks - general:	
	smg-02 30/08/2001	4 . 1 . 0	167/92	<a href="#">get it</a>	remarks - this release:	
	smg-05 25/06/1993	4 . 2 . 0	98/93	<a href="#">get it</a>		
	.. 30/08/2001	4 . 2 . 1		<a href="#">get it</a>		
	smg-08	4 . 3 . 0				
	.. 01/10/1993	4 . 3 . 1		<a href="#">get it</a>		
	.. 30/08/2001	4 . 3 . 2		<a href="#">get it</a>		
	ETSI PE 01/11/1993	4 . 3 . 2		<a href="#">get it</a>		
	ETSI publication 13/09/1994	4 . 3 . 3		<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 659

02 December 2002 20:53:26

Server ACTIVE specs Ph2 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.24</b>	<b>Description of Charge Advice Information (CAI)</b>					
Ph2	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 1 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-08 01/10/1993	4 . 2 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-09 21/01/1994	4 . 2 . 1		<a href="#">get it</a>		
	smg-10 15/04/1994	4 . 3 . 0		<a href="#">get it</a>		
	smg-11 01/07/1994	4 . 4 . 0		<a href="#">get it</a>		
	smg-15 07/07/1995	4 . 5 . 0		<a href="#">get it</a>		
<b>TS 02.30</b>	<b>Man-machine Interface (MMI) of the Mobile Station (MS)</b>					
Ph2	<i>current version:</i> 4.13.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David		VODAFONE Group Plc
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 9 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-08 01/10/1993	4 . 10 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-10 15/04/1994	4 . 11 . 0		<a href="#">get it</a>		
	smg-12 07/10/1995	4 . 12 . 0		<a href="#">get it</a>		
	smg-13 27/01/1995	4 . 13 . 0		<a href="#">get it</a>		
<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>					
Ph2	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 2 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-09 21/01/1994	4 . 3 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-10 15/04/1994	4 . 4 . 0		<a href="#">get it</a>		
	smg-14 07/04/1995	4 . 5 . 0		<a href="#">get it</a>		
<b>TS 02.41</b>	<b>Operator Determined Barring</b>					
Ph2	<i>current version:</i> 4.5.2		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,		BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 4 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-08 01/10/1993	4 . 5 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	ETSI PE 11/10/1993	4 . 5 . 1		<a href="#">get it</a>		
	ETSI publication 13/09/1994	4 . 5 . 2		<a href="#">get it</a>		

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 660

02 December 2002 20:53:26

Server ACTIVE specs Ph2 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.81 Line Identification Supplementary Services; Stage 1

Ph2  
current version: 4.6.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 3 . 1  
smg-10 15/04/1994 4 . 4 . 0  
smg-11 01/07/1994 4 . 4 . 1  
smg-12 07/10/1994 4 . 5 . 0  
smg-16 20/10/1995 4 . 5 . 1  
smg-24 19/12/1997 4 . 6 . 0  
ETSI publication 17/06/1998 4 . 6 . 1

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola TELIA AB  
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2  
current version: 4.5.2  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 4 . 2  
smg-10 15/04/1994 4 . 5 . 0  
smg-16 20/10/1995 4 . 5 . 2

WG (prime / other): S1 / - rapporteur: EVEN, Anne France Telecom  
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2  
[get it](#)

## TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2  
current version: 4.6.7  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 6 . 3  
smg-10 15/04/1994 4 . 6 . 5  
smg-16 20/10/1995 4 . 6 . 7

WG (prime / other): S1 / - rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S  
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7  
[get it](#)

## TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

Ph2  
current version: 4.4.7  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 4 . 2  
smg-11 01/07/1994 4 . 4 . 5  
smg-16 20/10/1995 4 . 4 . 7

WG (prime / other): S1 / - rapporteur: POSTMANN, Erwin SIEMENS AG  
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 661

02 December 2002 20:53:26

Server ACTIVE specs Ph2 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](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  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 2  
smg-16 20/10/1995 4 . 2 . 6

*WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TELIA AB  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #7: 4.2.2 #16: 4.2.6*

---

**TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1**

Ph2 *current version:* 4.1.5  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 1  
smg-16 01/10/1993 4 . 1 . 5

*WG (prime / other):* S1 / - *rapporteur:* CRAWFORD, Ian VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #7: 4.1.1 #16: 4.1.5*

---

**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**

Ph2 *current version:* 4.4.3  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 3 . 0  
smg-08 01/10/1993 4 . 4 . 0  
smg-16 27/01/1995 4 . 4 . 3

*WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3*  
[get it](#)

---

**TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1**

Ph2 *current version:* 4.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-08 01/10/1993 4 . 0 . 1  
smg-21 14/02/1997 4 . 1 . 0  
ETSI publication 15/09/1997 4 . 1 . 1

*WG (prime / other):* S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release: #8: 4.0.1 #21: 4.1.0*  
[get it](#)

---

Ph2 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 662

02 December 2002 20:53:27

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.01</b>	<b>Network Functions</b>								
Ph2	current version: 4.0.4			WG (prime / other): S2 / NP	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting:			G: yes U:	MCC: SULTAN, Alain				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - general: SMG3->SA2 @ TSG#7	
	ETSI Publication 25/07/1993	4	.	0	.	4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1	
<hr/>									
<b>TS 03.02</b>	<b>Network Architecture</b>								
Ph2	current version: 4.2.1			WG (prime / other): S2 / NP /	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting:			T2	MCC: SULTAN, Alain				
	history (event, available, version,			G: yes U:					
	smg-07 25/06/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - general:	
	smg-17 02/02/1996	4	.	1	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #17: 4.1.0 #18: 4.2.1	
	smg-18 12/04/1996	4	.	2	.	1	<a href="#">get it</a>		
<hr/>									
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>								
Ph2	current version: 4.11.1			WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE Group Plc			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	<a href="#">get it</a>	remarks - general:	
	smg-08 01/10/1993	4	.	6	.	0	<a href="#">get it</a>	remarks - this release:	
	smg-09 21/01/1994	4	.	8	.	0	<a href="#">get it</a>		
	smg-12 07/10/1994	4	.	9	.	0	<a href="#">get it</a>		
	NP-07 17/03/2000	4	.	10	.	0	<a href="#">get it</a>		
	NP-08 23/06/2000	4	.	11	.	0	<a href="#">get it</a>		
	Editorial 04/01/2001	4	.	11	.	1	<a href="#">get it</a>		
<hr/>									
<b>TS 03.04</b>	<b>Signalling Requirements Relating to Routing of Calls to Mobile Subscribers</b>								
Ph2	current version: 4.0.4			WG (prime / other): N4 / SPA	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation			
	freeze_meeting:			N /					
				T2	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,			G: yes U:					
	smg-07 25/06/1993	4	.	0	.	1	<a href="#">get it</a>	remarks - general:	
	Publication 19/01/1996	4	.	0	.	4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1	

G = required in systems with GERAN access; U = required in systems with UMTS



# 3GPP specification status

Page 663

02 December 2002 20:53:27

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.05</b>	<b>Technical performance objectives</b>								
Ph2	current version: 4.1.0			WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-19 28/06/1996	4	.	1	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.0.0 #19:4.1.0	
<hr/>									
<b>TS 03.07</b>	<b>Restoration Procedures</b>								
Ph2	current version: 4.3.1			WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	2	.	0	<a href="#">get it</a>	remarks - general:	
	smg-10 15/04/1994	4	.	3	.	0	<a href="#">get it</a>	remarks - this release:	
	Publication 19/01/1996	4	.	3	.	1	<a href="#">get it</a>		
<hr/>									
<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>								
Ph2	current version: 4.8.0			WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	<a href="#">get it</a>	remarks - general:	
	smg-08 01/10/1993	4	.	5	.	1	<a href="#">get it</a>	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	<a href="#">get it</a>		
	smg-10 15/04/1994	4	.	7	.	0	<a href="#">get it</a>		
	smg-18 12/04/1996	4	.	8	.	0	<a href="#">get it</a>		
<hr/>									
<b>TS 03.09</b>	<b>Handover Procedures</b>								
Ph2	current version: 4.6.0			WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting:			G: yes U:	MCC: JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	1	.	0	<a href="#">get it</a>	remarks - general:	
	smg-08 01/10/1993	4	.	2	.	0	<a href="#">get it</a>	remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0	
	smg-09 21/01/1994	4	.	2	.	1	<a href="#">get it</a>		
	smg-10 15/04/1994	4	.	3	.	0	<a href="#">get it</a>		
	smg-11 01/07/1994	4	.	4	.	0	<a href="#">get it</a>		
	smg-12 07/10/1994	4	.	5	.	0	<a href="#">get it</a>		
	smg-17 02/02/1996	4	.	6	.	0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems w ith UMTS

# 3GPP specification status

Page 664

02 December 2002 20:53:27

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](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:* *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*  
Publication 13/09/1994 4 . 3 . 1 [get it](#)

## TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-07 4 . 4 . 0 [get it](#) *remarks - general:*  
ETSI public 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*  
enquiry  
smg-09 4 . 5 . 0 [get it](#)  
smg-10 4 . 6 . 0 [get it](#)  
smg-11 4 . 7 . 0 [get it](#)  
smg-12 24/10/2002 4 . 8 . 0 ETSI vote version [get it](#)  
ETSI publication 24/10/2002 4 . 8 . 1 [get it](#)  
smg-14 24/10/2002 4 . 9 . 0 ETSI oap version [get it](#)  
ETSI publication 24/10/2002 4 . 9 . 1 [get it](#)  
ETSI public enquiry  
smg-18 12/04/1996 4 . 10 . 1 [get it](#)

## TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting:* *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0*  
Publication 13/09/1994 4 . 4 . 2 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 665

02 December 2002 20:53:28

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>								
Ph2	<i>current version:</i> 4.0.4			<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	0	.	1		<a href="#">get it</a>	<i>remarks - general:</i>
	Publication 13/09/1994	4	.	0	.	4		<a href="#">get it</a>	<i>remarks - this release: #7: 4.0.1</i>
<hr/>									
<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>								
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>			<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	smg-10 15/04/1994	4	.	1	.	0		<a href="#">get it</a>	<i>remarks - this release: #7: 4.0.0 #10: 4.1.0</i>
	Publication 13/09/1994	4	.	1	.	1		<a href="#">get it</a>	
<hr/>									
<b>TS 03.15</b>	<b>Technical Realization of Operator Determined Barring</b>								
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>			<i>G: yes U:</i>	<i>MCC:</i> CHALMERS, Kimmo				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	2	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	smg-10 15/04/1994	4	.	3	.	0		<a href="#">get it</a>	<i>remarks - this release: #7: 4.2.0 #10: 4.3.0</i>
	Publication 13/09/1994	4	.	3	.	1		<a href="#">get it</a>	
<hr/>									
<b>TS 03.16</b>	<b>Subscriber Data Management</b>								
Ph2	<i>current version:</i> 4.2.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich		SIEMENS AG		
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	smg-14 07/04/1995	4	.	1	.	0		<a href="#">get it</a>	<i>remarks - general:</i>
	smg-16 20/10/1995	4	.	1	.	1		<a href="#">get it</a>	<i>remarks - this release: #14: 4.1.0 #16: 4.1.1 #18: 4.2.1</i>
	smg-18 12/04/1996	4	.	2	.	1		<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 666

02 December 2002 20:53:28

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.20 Security-related Network Functions

Ph2  
current version: 4.4.1  
freeze\_meeting:

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom  
GP  
G: yes U: MCC: POPE, Maurice

history (event, available, version,  
smg-07 25/06/1993 4 . 2 . 1  
smg-10 15/04/1994 4 . 3 . 0  
smg-17 02/02/1996 4 . 3 . 2  
smg-21 14/02/1997 4 . 4 . 0  
Publication 26/08/1997 4 . 4 . 1

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)

## TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

Ph2  
current version: 4.11.0  
freeze\_meeting:

WG (prime / other): G1 / N1 rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: MCC: USAI, Paolino

history (event, available, version,  
smg-07 25/06/1993 4 . 4 . 0  
smg-09 21/01/1994 4 . 5 . 0  
smg-10 15/04/1994 4 . 6 . 0  
smg-11 01/07/1994 4 . 7 . 0  
smg-12 07/10/1994 4 . 8 . 0  
smg-14 07/04/1995 4 . 9 . 0  
smg-16 20/10/1995 4 . 10 . 0  
smg-17 02/02/1996 4 . 11 . 0

[get it](#) remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and  
[get it](#) remarks - this release: group receive mode".  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

Ph2  
current version: 4.3.0  
freeze\_meeting:

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: MCC: USAI, Paolino

history (event, available, version,  
smg-18 12/04/1996 4 . 1 . 0  
smg-22 13/06/1997 4 . 2 . 0  
smg-23 17/10/1997 4 . 3 . 0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 667

02 December 2002 20:53:28

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TR 03.30 Radio Network Planning Aspects

Ph2  
current version: 4.3.0  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 2 . 0  
smg-09 21/01/1994 4 . 2 . 1  
smg-13 27/01/1995 4 . 3 . 0

WG (prime / other): GP / - rapporteur: TEGTH, Ulf TELIA AB  
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.2.0 #9: 4.2.1 #13: 4.3.0  
[get it](#)

---

## TS 03.38 Alphabets and language-specific information

Ph2  
current version: 4.0.1  
freeze\_meeting:  
history (event, available, version,  
smg-10 15/04/1994 4 . 0 . 0  
Publication 13/09/1994 4 . 0 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:  
[get it](#) remarks - this release: #10: 4.0.0

---

## TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-point (PP)

Ph2  
current version: 4.13.0  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 6 . 0  
smg-08 01/10/1993 4 . 7 . 0  
smg-10 15/04/1994 4 . 8 . 1  
smg-11 01/07/1994 4 . 9 . 0  
smg-15 07/07/1995 4 . 11 . 0  
smg-16 20/10/1995 4 . 12 . 0  
smg-18 12/04/1996 4 . 13 . 0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited  
G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 668

02 December 2002 20:53:28

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 5 . 0 [get it](#) *remarks - this release:*  
smg-09 21/01/1994 4 . 6 . 0 [get it](#)  
smg-10 15/04/1994 4 . 7 . 0 [get it](#)  
smg-11 01/07/1994 4 . 8 . 0 [get it](#)  
smg-12 07/10/1994 4 . 9 . 0 [get it](#)  
smg-13 27/01/1995 4 . 10 . 0 [get it](#)  
smg-16 20/10/1995 4 . 11 . 0 [get it](#)

---

## TR 03.43 Support of Videotex

Ph2 *current version:* 4.1.2 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 1 [get it](#) *remarks - general:*  
Editorial 19/01/1996 4 . 1 . 2 [get it](#) *remarks - this release:*

---

## TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)

Ph2 *current version:* 4.0.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* G: yes U: *MCC:* Friedhelm RODERMUND, Friedhelm

*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
Editorial 30/07/1998 4 . 0 . 1 [get it](#) *remarks - this release:*

---

## TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent

Ph2 *current version:* 4.5.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*  
smg-09 21/01/1994 4 . 3 . 1 [get it](#)  
smg-10 15/04/1994 4 . 4 . 0 [get it](#)  
smg-11 01/07/1994 4 . 4 . 1 [get it](#)  
smg-14 07/04/1995 4 . 5 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 669

02 December 2002 20:53:29

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph2 *current version:* 4.1.2 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 0 . 2 [get it](#) *remarks - this release:*  
smg-11 01/07/1994 4 . 1 . 0 [get it](#)  
Publication 19/01/1996 4 . 1 . 2 [get it](#)

---

## TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

Ph2 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*  
smg-12 07/10/1994 4 . 2 . 1 [get it](#)  
smg-18 12/04/1996 4 . 4 . 0 [get it](#)

---

## TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

Ph2 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* G: yes U: *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release: #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16: 4.6.0*  
smg-11 01/07/1994 4 . 3 . 0 [get it](#)  
smg-12 07/10/1994 4 . 4 . 0 [get it](#)  
smg-13 27/01/1995 4 . 5 . 0 [get it](#)  
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 670

02 December 2002 20:53:29

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>				
Ph2	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-08 01/10/1993	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-09 21/01/1994	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	#8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0
	smg-15 07/07/1995	4 . 2 . 0	<a href="#">get it</a>		
	smg-24 19/12/1997	4 . 3 . 0	<a href="#">get it</a>		
	smg-25 20/03/1998	4 . 4 . 0	<a href="#">get it</a>		
	smg-27 16/10/1998	4 . 5 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	4 . 6 . 0	<a href="#">get it</a>		
	Editorial 12/03/1999	4 . 6 . 1	<a href="#">get it</a>		

---

<b>TS 03.70</b>	<b>Routeing of Calls to/from Public Data Networks (PDN)</b>				
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	N3: "no R99 needed".
	smg-08 01/10/1993	4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>	#7: 4.0.0 #8: 4.0.1
	Publication 19/01/1996	4 . 0 . 3	<a href="#">get it</a>		

---

<b>TS 03.81</b>	<b>Line Identification Supplementary Services; Stage 2</b>				
Ph2	<i>current version:</i> 4.8.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-09 01/10/1993	4 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	#7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26: 4.8.0
	smg-10 15/04/1994	4 . 3 . 0	<a href="#">get it</a>		
	smg-11 01/07/1994	4 . 4 . 0	<a href="#">get it</a>		
	smg-12 07/10/1994	4 . 5 . 0	<a href="#">get it</a>		
	smg-19 28/06/1996	4 . 6 . 0	<a href="#">get it</a>		
	smg-24 19/12/1997	4 . 7 . 0	<a href="#">get it</a>		
	smg-26 26/06/1998	4 . 8 . 0	<a href="#">get it</a>		
	Editorial 26/07/1998	4 . 8 . 1	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 671

02 December 2002 20:53:29

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 current version: 4.8.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 5 . 0  
smg-08 01/10/1993 4 . 5 . 1  
smg-10 15/04/1994 4 . 6 . 0  
smg-12 07/10/1994 4 . 7 . 0  
smg-18 12/04/1996 4 . 8 . 0  
Editorial 12/05/1996 4 . 8 . 1

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation  
G: yes U: MCC: KYMALAINEN, Kimmo

[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](#)

## TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 current version: 4.4.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 3 . 0  
smg-11 01/07/1994 4 . 3 . 2  
smg-12 07/10/1994 4 . 4 . 0  
Editorial 07/11/1994 4 . 4 . 1

WG (prime / other): N4 / - rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)  
G: yes U: MCC: KYMALAINEN, Kimmo

[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](#)

## TS 03.84 Multi Party (MPPTY) Supplementary Services; Stage 2

Ph2 current version: 4.4.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 1 . 0  
smg-09 21/01/1994 4 . 2 . 0  
smg-10 15/04/1994 4 . 3 . 0  
smg-12 07/10/1994 4 . 4 . 0  
Editorial 07/11/1994 4 . 4 . 1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0  
[get it](#)  
[get it](#)

## TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 current version: 4.2.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 0 . 0  
smg-08 01/10/1993 4 . 1 . 0  
smg-13 27/01/1995 4 . 2 . 0  
Editorial 27/02/1995 4 . 2 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 672

02 December 2002 20:53:30

Server ACTIVE specs Ph2 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

## TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2  
current version: 4.6.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 1 . 0  
smg-08 01/10/1993 4 . 2 . 0  
smg-09 21/01/1994 4 . 3 . 0  
smg-10 15/04/1994 4 . 4 . 0  
smg-11 01/07/1994 4 . 5 . 0  
smg-12 07/10/1994 4 . 6 . 0  
Editorial 07/11/1994 4 . 6 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2  
current version: 4.6.1  
freeze\_meeting:  
history (event, available, version,  
smg-07 25/06/1993 4 . 4 . 0  
smg-10 15/04/1994 4 . 5 . 0  
smg-12 07/10/1994 4 . 6 . 0  
Editorial 07/11/1994 4 . 6 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0  
[get it](#)  
[get it](#)

## TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2  
current version: 4.1.1  
freeze\_meeting:  
history (event, available, version,  
smg-08 01/10/1993 4 . 0 . 0  
smg-15 07/07/1995 4 . 1 . 0  
Editorial 07/08/1995 4 . 1 . 1

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 plc  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #8: 4.0.0 #15: 4.1.0  
[get it](#)

Ph2

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 673

02 December 2002 20:53:30

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.01</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles</b>								
Ph2	current version: 4.0.4	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-07 25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
	ETSI publication 19/01/1996	4	. 0 . 4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1				
<hr/>									
<b>TS 04.02</b>	<b>GSM Public Land Mobile Network (PLMN) Access Reference Configuration</b>								
Ph2	current version: 4.0.4	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-07 25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
	ETSI publication 19/01/1996	4	. 0 . 4	<a href="#">get it</a>	remarks - this release: #7: 4.0.1				
<hr/>									
<b>TS 04.03</b>	<b>Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities</b>								
Ph2	current version: 4.1.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-07 25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
	smg-10 15/04/1994	4	. 1 . 0	<a href="#">get it</a>	remarks - this release:				
	Editorial 15/05/1994	4	. 1 . 1	<a href="#">get it</a>					
<hr/>									
<b>TS 04.04</b>	<b>Layer 1 - General Requirements</b>								
Ph2	current version: 4.0.4	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-07 25/06/1993	4	. 0 . 1	<a href="#">get it</a>	remarks - general:				
	ETSI publication 13/09/1994	4	. 0 . 4	<a href="#">get it</a>	remarks - this release:				
<hr/>									
<b>TS 04.05</b>	<b>Data Link (DL) Layer General Aspects</b>								
Ph2	current version: 4.0.3	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-07 25/06/1993	4	. 0 . 0	<a href="#">get it</a>	remarks - general:				
	ETSI publication 13/09/1994	4	. 0 . 3	<a href="#">get it</a>	remarks - this release:				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 674

02 December 2002 20:53:30

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification**

Ph2 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*  
smg-11 01/07/1994 4 . 4 . 0 [get it](#)

---

**TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects**

Ph2 *current version:* 4.3.1 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: MCC: JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 1 [get it](#) *remarks - general:*  
smg-10 15/04/1994 4 . 2 . 0 [get it](#) *remarks - this release:*  
smg-12 07/10/1994 4 . 3 . 0 [get it](#)  
ETSI Publication 07/11/1997 4 . 3 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 675

02 December 2002 20:53:31

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.08 Mobile radio interface layer 3 specification

Ph2 current version: 4.23.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	5	.	0
smg-08	01/10/1993	4	.	6	.	0
smg-09	21/01/1994	4	.	7	.	0
smg-10	15/04/1994	4	.	8	.	0
smg-11	01/07/1994	4	.	9	.	0
smg-12	07/10/1994	4	.	10	.	0
smg-14	07/04/1995	4	.	11	.	0
smg-15	07/07/1995	4	.	12	.	0
smg-16	20/10/1995	4	.	13	.	0
smg-17	02/02/1996	4	.	14	.	0
smg-18	12/04/1996	4	.	15	.	0
smg-19	28/06/1996	4	.	16	.	0
ETSI publication	09/01/1997	4	.	16	.	1
smg-20	11/10/1996	4	.	17	.	0
ETSI publication	12/05/1997	4	.	17	.	1
smg-21	14/02/1997	4	.	18	.	0
ETSI PE	15/08/1997	4	.	19	.	1
ETSI publication	31/12/1997	4	.	19	.	2
smg-23	17/10/1997	4	.	20	.	1
smg-24	19/12/1997	4	.	21	.	0
ETSI publication	26/06/1998	4	.	21	.	1
smg-25	20/03/1998	4	.	22	.	0
ETSI publication	23/10/1998	4	.	22	.	1
smg-28	12/02/1999	4	.	23	.	0
ETSI publication	05/10/1999	4	.	23	.	1

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
[get it](#) remarks - this release: Thomasen (even numbered CRs!)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 676

02 December 2002 20:53:31

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph2 current version: 4.10.1 WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-07	25/06/1993	4	.	4	.	0
smg-08	01/10/1993	4	.	5	.	0
smg-09	21/01/1994	4	.	6	.	0
smg-10	15/04/1994	4	.	7	.	0
smg-11	01/07/1994	4	.	8	.	0
smg-13	27/01/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
Editorial	02/03/1996	4	.	10	.	1

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[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: G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-07	25/06/1993	4	.	3	.	0
smg-08	01/10/1993	4	.	4	.	0
smg-10	15/04/1994	4	.	5	.	0
smg-11	01/07/1994	4	.	6	.	0
smg-12	07/10/1994	4	.	7	.	0
smg-14	07/04/1995	4	.	8	.	0
smg-16	20/10/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
NP-09	04/10/2000	4	.	11	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 current version: 4.6.0 WG (prime / other): G2 / T2 rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	1
smg-10	15/04/1994	4	.	2	.	0
smg-11	01/07/1994	4	.	3	.	0
smg-12	07/10/1994	4	.	4	.	0
smg-16	20/10/1995	4	.	6	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0  
[get it](#)  
[get it](#)  
[get it](#)

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 677

02 December 2002 20:53:31

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.13 Performance Requirements on Mobile Radio Interface

Ph2 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc  
*freeze\_meeting:* *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-14 07/04/1995 4 . 0 . 2 [get it](#) *remarks - this release:* #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0  
smg-15 07/07/1995 4 . 1 . 0 [get it](#)  
smg-16 20/10/1995 4 . 2 . 0 [get it](#)

## TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MSBSS) Interface

Ph2 *current version:* 4.6.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published  
version of ETS replacing OAP version  
smg-11 01/07/1994 4 . 4 . 0 [get it](#)  
smg-13 27/01/1995 4 . 5 . 0 [get it](#)  
smg-14 07/04/1995 4 . 6 . 0 [get it](#)  
published version 02/03/2000 4 . 6 . 1 [get it](#)  
of ETS replacing  
OAP v

## TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

Ph2 *current version:* Switching Centre (BSS - MSC) interface 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert  
SIEMENS AG  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 2 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0  
smg-13 27/01/1995 4 . 4 . 0 [get it](#)  
smg-25 20/03/1998 4 . 5 . 0 [get it](#)  
Editorial 20/04/1998 4 . 5 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 678

02 December 2002 20:53:32

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>				
Ph2	current version: 4.11.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993	4 . 7 . 0	<a href="#">get it</a>	remarks - general:	
	smg-09 21/01/1994	4 . 9 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-16 20/10/1995	4 . 10 . 0	<a href="#">get it</a>		
	ETSI publication 23/08/1996	4 . 10 . 1	<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 11 . 0	<a href="#">get it</a>		
	ETSI publication 23/08/1996	4 . 11 . 1	<a href="#">get it</a>		

---

<b>TS 04.81</b>	<b>Line Identification Supplementary Services; Stage 3</b>				
Ph2	current version: 4.4.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993	4 . 2 . 0	<a href="#">get it</a>	remarks - general:	
	smg-10 15/04/1994	4 . 3 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.2.0 #10: 4.3.0 #12: 4.4.0	
	smg-12 07/10/1994	4 . 4 . 0	<a href="#">get it</a>		
	ETSI Publication 07/11/1994	4 . 4 . 1	<a href="#">get it</a>		

---

<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>				
Ph2	current version: 4.9.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993	4 . 6 . 0	<a href="#">get it</a>	remarks - general:	
	smg-11 01/07/1994	4 . 7 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0	
	smg-12 07/10/1994	4 . 8 . 0	<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 9 . 0	<a href="#">get it</a>		
	Editorial 02/03/1996	4 . 9 . 1	<a href="#">get it</a>		

---

<b>TS 04.83</b>	<b>Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3</b>				
Ph2	current version: 4.6.1	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993	4 . 4 . 0	<a href="#">get it</a>	remarks - general:	
	smg-09 21/01/1994	4 . 5 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0	
	smg-17 02/02/1996	4 . 6 . 0	<a href="#">get it</a>		
	Editorial 02/03/1996	4 . 6 . 1	<a href="#">get it</a>		

---

G = required in systems with GERAN access; U = required in systems with UMTS



# 3GPP specification status

Page 679

02 December 2002 20:53:32

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](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:

history (event, available, version,

smg-07 25/06/1993 4 . 2 . 0

smg-09 21/01/1994 4 . 3 . 0

ETSI Publication 21/02/1994 4 . 3 . 2

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.2.0 #9: 4.3.0

[get it](#)

## TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 current version: 4.1.1

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 0 . 0

smg-18 12/04/1996 4 . 1 . 0

Editorial 12/05/1996 4 . 1 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
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:

history (event, available, version,

smg-07 25/06/1993 4 . 2 . 0

smg-08 01/10/1993 4 . 4 . 0

smg-11 01/07/1994 4 . 5 . 0

ETSI Publication 14/03/1995 4 . 5 . 2

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
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:

history (event, available, version,

smg-07 25/06/1993 4 . 6 . 0

smg-17 02/02/1996 4 . 7 . 0

Editorial 02/03/1996 4 . 7 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.6.0 #17: 4.7.0

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 680

02 December 2002 20:53:32

Server ACTIVE specs Ph2 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

## TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2 current version: 4.1.1

freeze\_meeting:

history (event, available, version,

smg-08 01/10/1993 4 . 0 . 0

smg-12 07/10/1994 4 . 1 . 0

Editorial 07/11/1994 4 . 1 . 1

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release: #8: 4.0.0 #12: 4.1.0

[get it](#)

Ph2

05 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 current version: 4.6.0

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 0

smg-08 01/10/1993 4 . 2 . 0

smg-10 15/04/1994 4 . 3 . 0

smg-13 27/01/1995 4 . 4 . 0

smg-14 07/04/1995 4 . 5 . 0

smg-16 20/10/1995 4 . 6 . 0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 current version: 4.11.0

freeze\_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 3 . 0

smg-09 21/01/1994 4 . 4 . 0

smg-15 07/07/1995 4 . 5 . 0

smg-16 20/10/1995 4 . 6 . 0

smg-17 02/02/1996 4 . 7 . 0

smg-20 11/10/1996 4 . 8 . 0

smg-22 13/06/1997 4 . 9 . 0

smg-28 12/02/1999 4 . 10 . 0

ETSI Publication 22/07/1999 4 . 10 . 1

GP-06 01/10/2001 4 . 11 . 0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist 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](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 681

02 December 2002 20:53:33

Server ACTIVE specs Ph2 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

<b>TS 05.03</b>	<b>Channel coding</b>								
Ph2	<i>current version:</i> 4.5.1								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-13 27/01/1995	4	.	2	.	0	<a href="#">get it</a>	<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 07/07/1995	4	.	3	.	0	<a href="#">get it</a>		
	smg-21 14/02/1997	4	.	4	.	0	<a href="#">get it</a>		
	smg-22 13/06/1997	4	.	5	.	0	<a href="#">get it</a>		
	Editorial 13/07/1997	4	.	5	.	1	<a href="#">get it</a>		

---

<b>TS 05.04</b>	<b>Modulation</b>								
Ph2	<i>current version:</i> 4.0.3								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI publication 13/09/1994	4	.	0	.	3	<a href="#">get it</a>	<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 682

02 December 2002 20:53:33

Server ACTIVE specs Ph2 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.05 Radio Transmission and Reception

Ph2 current version: 4.23.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-09	21/01/1994	4	.	8	.	0
smg-10	15/04/1994	4	.	9	.	0
smg-13	27/01/1995	4	.	10	.	0
smg-14	07/04/1995	4	.	11	.	0
smg-16	20/10/1995	4	.	13	.	0
smg-17	02/02/1996	4	.	14	.	0
smg-18	12/04/1996	4	.	15	.	0
smg-19	28/06/1996	4	.	16	.	0
smg-20	11/10/1996	4	.	17	.	0
smg-21	14/02/1997	4	.	18	.	0
smg-22	13/06/1997	4	.	19	.	0
smg-23	17/10/1997	4	.	20	.	0
smg-24	19/12/1997	4	.	21	.	0
smg-26	26/06/1998	4	.	22	.	0
smg-29	25/06/1999	4	.	23	.	0
ETSI Publication	17/12/1999	4	.	23	.	1

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:  
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 683

02 December 2002 20:53:33

Server ACTIVE specs Ph2 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

## TS 05.08 Radio Subsystem Link Control

Ph2 current version: 4.22.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-09	21/01/1994	4	.	8	.	0
smg-10	15/04/1994	4	.	9	.	0
smg-11	01/07/1994	4	.	10	.	0
smg-12	07/10/1994	4	.	11	.	0
smg-13	27/01/1995	4	.	12	.	0
smg-14	07/04/1995	4	.	13	.	0
smg-15	07/07/1995	4	.	14	.	0
smg-16	20/10/1995	4	.	15	.	0
smg-17	02/02/1996	4	.	16	.	0
smg-18	12/04/1996	4	.	17	.	0
smg-19	28/06/1996	4	.	18	.	0
smg-22	13/06/1997	4	.	19	.	0
smg-23	17/10/1997	4	.	20	.	0
smg-24	19/12/1997	4	.	21	.	0
smg-27	16/10/1998	4	.	22	.	0
ETSI Publication	09/03/1999	4	.	22	.	1

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer  
G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 05.10 Radio subsystem synchronization

Ph2 current version: 4.9.0

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	2	.	0
smg-08	01/10/1993	4	.	3	.	0
smg-09	21/01/1994	4	.	4	.	0
smg-13	27/01/1995	4	.	5	.	0
smg-14	07/04/1995	4	.	6	.	0
smg-16	20/10/1995	4	.	7	.	0
smg-17	02/02/1996	4	.	8	.	0
smg-18	12/04/1996	4	.	9	.	0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri  
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 684

02 December 2002 20:53:33

Server ACTIVE specs Ph2 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TR 05.22 Radio link management in hierarchical networks**  
Ph2 *current version:* 4.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-18 12/04/1996 4 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* #18: 4.0.0

---

**TR 05.50 Background for RF Requirements**  
Ph2 *current version:* 4.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-08 01/10/1993 4 . 0 . 0  
smg-13 27/01/1995 4 . 1 . 0  
smg-17 02/02/1996 4 . 2 . 0

*WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*G: yes U:* *MCC:* Peter Skov  
USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #8: 4.0.0 #13: 4.1.0 #17: 4.2.0  
[get it](#)

---

**TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations**  
Ph2 *current version:* 4.3.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 4 . 1 . 0  
smg-08 4 . 2 . 0  
ETSI publication 15/02/1994 4 . 2 . 1  
smg-15 15/08/1995 4 . 3 . 0

*WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

*remarks - general:*  
*remarks - this release:*  
[get it](#)  
[get it](#)

---

Ph2 06 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TS 06.01 Full Rate Speech Processing Functions**  
Ph2 *current version:* 4.0.7  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 2  
smg-23 17/10/1997 4 . 0 . 6  
ETSI Publication 07/04/1998 4 . 0 . 7

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 685

02 December 2002 20:53:34

Server ACTIVE specs Ph2 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.02</b>	<b>Half Rate Speech Processing Functions</b>					
Ph2	current version: 4.0.2	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 19/12/1995 4 . 0 . 2	<a href="#">get it</a>	remarks - this release: #13: 4.0.0			
<b>TS 06.06</b>	<b>Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec</b>					
Ph2	current version: 4.2.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-16 20/10/1995 4 . 0 . 2	<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0			
	smg-17 02/02/1996 4 . 1 . 0	<a href="#">get it</a>				
	smg-23 17/10/1997 4 . 2 . 0	<a href="#">get it</a>				
	Editorial 17/11/1997 4 . 2 . 1	<a href="#">get it</a>				
<b>TS 06.07</b>	<b>Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec</b>					
Ph2	current version: 4.2.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	smg-20 11/10/1996 4 . 1 . 0	<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #20: 4.1.0 #22: 4.2.0			
	smg-22 13/06/1997 4 . 2 . 0	<a href="#">get it</a>				
	Editorial 13/07/1997 4 . 2 . 1	<a href="#">get it</a>				
<b>TR 06.08</b>	<b>Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec</b>					
Ph2	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-16 20/10/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: #16: 4.0.0			

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 686

02 December 2002 20:53:34

Server ACTIVE specs Ph2 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>					
Ph2	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar		PHILIPS Semiconductors
	<i>freeze_meeting:</i>		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-23 17/10/1997	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i>	
	smg-32 20/06/2000	4 . 2 . 0		<a href="#">get it</a>		
	Editorial 20/07/2000	4 . 2 . 1		<a href="#">get it</a>		
	Correction of figure 3.2 29/06/2001	4 . 3 . 0		<a href="#">get it</a>		

---

<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
Ph2	<i>current version:</i> 4.0.6		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-23 17/10/1997	4 . 0 . 5		<a href="#">get it</a>	<i>remarks - this release: #7: 4.0.1 #23: 4.0.5</i>	
	ETSI Publication 07/04/1998	4 . 0 . 6		<a href="#">get it</a>		

---

<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
Ph2	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele		TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i>		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>	
	ETSI Publication 13/09/1994	4 . 0 . 4		<a href="#">get it</a>	<i>remarks - this release: #7: 4.0.1</i>	
	SP-12 29/06/2001	4 . 1 . 0		<a href="#">get it</a>		

---

<b>TS 06.20</b>	<b>Half Rate Speech Transcoding</b>					
Ph2	<i>current version:</i> 4.3.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd
	<i>freeze_meeting:</i>		G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-13 27/01/1995	4 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-14 07/04/1995	4 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0</i>	
	smg-17 02/02/1996	4 . 3 . 0		<a href="#">get it</a>		
	ETSI Publication 03/03/1996	4 . 3 . 1		<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 687

02 December 2002 20:53:34

Server ACTIVE specs Ph2 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.21</b>	<b>Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels</b>				
Ph2	current version: 4.0.2	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI Publication 19/12/1995 4 . 0 . 2	<a href="#">get it</a>	remarks - this release: #13: 4.0.0		
<hr/>					
<b>TS 06.22</b>	<b>Comfort Noise Aspects for Half Rate Speech Traffic Channels</b>				
Ph2	current version: 4.1.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-13 27/01/1995 4 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	smg-15 07/07/1995 4 . 1 . 0	<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #15: 4.1.0		
	Editorial 07/08/1995 4 . 1 . 1	<a href="#">get it</a>			
<hr/>					
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>				
Ph2	current version: 4.0.5	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>	remarks - general:		
	smg-23 17/10/1997 4 . 0 . 5	<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #23: 4.0.5		
<hr/>					
<b>TS 06.32</b>	<b>Voice Activity Detection (VAD)</b>				
Ph2	current version: 4.3.1	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>	remarks - general:		
	smg-13 27/01/1995 4 . 1 . 0	<a href="#">get it</a>	remarks - this release: #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0		
	smg-17 02/02/1996 4 . 2 . 0	<a href="#">get it</a>			
	smg-23 17/10/1997 4 . 3 . 0	<a href="#">get it</a>			
	Editorial 17/11/1997 4 . 3 . 1	<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 688

02 December 2002 20:53:35

Server ACTIVE specs Ph2 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.41</b>	<b>Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels</b>								
Ph2	current version: 4.0.2	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-13 27/01/1995	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI Publication 19/02/1995	4 . 0 . 2		<a href="#">get it</a>	remarks - this release: #13: 4.0.0				
<hr/>									
<b>TS 06.42</b>	<b>Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels</b>								
Ph2	current version: 4.1.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-13 27/01/1995	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	smg-15 07/07/1995	4 . 1 . 0		<a href="#">get it</a>	remarks - this release: #13: 4.0.0 #15: 4.1.0				
	Editorial 07/08/1995	4 . 1 . 1		<a href="#">get it</a>					
<hr/>									
<b>TS 06.51</b>	<b>GSM Enhanced full rate speech processing functions: General description</b>								
Ph2	current version: 4.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-22 13/06/1997	4 . 0 . 0		<a href="#">get it</a>	remarks - general:				
	ETSI publication 31/12/1997	4 . 0 . 1		<a href="#">get it</a>	remarks - this release: #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0				
	smg-32 28/06/2000	4 . 1 . 0		<a href="#">get it</a>					
	ETSI publication 30/11/2000	4 . 1 . 1		<a href="#">get it</a>					
	SP-10 20/12/2000	4 . 2 . 0		<a href="#">get it</a>					
<hr/>									
<b>TS 06.53</b>	<b>ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec</b>								
Ph2	current version: 4.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-23 17/10/1997	4 . 0 . 1		<a href="#">get it</a>	remarks - general:				
					remarks - this release:				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 689

02 December 2002 20:53:35

Server ACTIVE specs Ph2 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

<b>TS 06.54</b>	<b>Test sequences for the GSM Enhanced Full Rate (EFR)</b>				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i>	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-22 13/06/1997 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	ETSI publication 29/09/1998 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release:</i>		
	smg-32 20/06/2000 4 . 1 . 0	<a href="#">get it</a>			
	SP-10 20/12/2000 4 . 2 . 0	<a href="#">get it</a>			
<b>TR 06.55</b>	<b>Performance characterisation of the GSM EFR Speech Codec</b>				
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-22 13/06/1997 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release: #22: 4.0.0</i>		
<b>TS 06.60</b>	<b>Enhanced full rate speech transcoding</b>				
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>	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-25 20/03/1998 4 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release: #23: 4.0.1 #25: 4.1.0</i>		
	ETSI Publication 24/08/2000 4 . 1 . 1	<a href="#">get it</a>			
<b>TS 06.61</b>	<b>Substitution and muting of lost frames for enhanced full rate speech traffic channels</b>				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i>	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-22 13/06/1997 4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	Editorial 13/07/1997 4 . 0 . 1	<a href="#">get it</a>	<i>remarks - this release: #22: 4.0.0</i>		
<b>TS 06.62</b>	<b>Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels</b>				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i>	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997 4 . 0 . 1	<a href="#">get it</a>	<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

# 3GPP specification status

Page 690

02 December 2002 20:53:35

Server ACTIVE specs Ph2 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

## TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*  
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*  
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

---

## TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation  
*freeze\_meeting:* G: yes U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*  
Editorial 13/07/1997 4 . 0 . 1 [get it](#) *remarks - this release: #22: 4.0.0*

---

Ph2 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 6 . 0 [get it](#) *remarks - this release:*  
smg-10 15/04/1994 4 . 7 . 0 [get it](#)  
smg-13 27/01/1995 4 . 8 . 0 [get it](#)  
smg-15 07/07/1995 4 . 9 . 0 [get it](#)  
smg-16 20/10/1995 4 . 10 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 691

02 December 2002 20:53:35

Server ACTIVE specs Ph2 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 4 . 2 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0*  
smg-11 01/07/1994 4 . 5 . 0 [get it](#)  
Editorial 01/08/1994 4 . 5 . 1 [get it](#)

---

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0*  
Editorial 21/02/1994 4 . 5 . 1 [get it](#)

---

## TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

Ph2 *current version:* 4.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*  
smg-12 07/10/1994 4 . 4 . 0 [get it](#)  
smg-16 20/10/1995 4 . 5 . 0 [get it](#)  
smg-17 02/02/1996 4 . 6 . 0 [get it](#)  
smg-18 12/04/1996 4 . 7 . 0 [get it](#)  
smg-20 11/10/1996 4 . 8 . 0 [get it](#)  
Editorial 11/11/1996 4 . 8 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 692

02 December 2002 20:53:36

ACTIVE specs Ph2 07 .- series  
Server [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 current version: 4.4.1

freeze\_meeting:

history (event, available, version,

smg-16	20/10/1995	4	.	0	.	0
smg-18	12/04/1996	4	.	1	.	0
smg-24	19/12/1997	4	.	2	.	0
smg-25	20/03/1998	4	.	3	.	0
smg-27	16/10/1998	4	.	4	.	0
Editorial	16/11/1998	4	.	4	.	1

WG (prime / other): T2 / - rapporteur: TOMÉ, Olga Telefon AB LM Ericsson  
G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

Ph2

08 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](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

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0
ETSI Publication	13/09/1994	4	.	0	.	3

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: MCC: THOMASEN, Gert

[get it](#) remarks - general:  
[get it](#) remarks - this release:

## TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph2 current version: 4.2.0

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0
smg-10	15/04/1994	4	.	1	.	0
smg-13	27/01/1995	4	.	2	.	0

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
Peter Skov  
G: yes U: MCC: THOMASEN, Gert

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 693

02 December 2002 20:53:36

Server ACTIVE specs Ph2 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification**  
Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*  
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:*

---

**TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface**  
Ph2 *current version:* 4.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*  
smg-09 21/01/1994 4 . 3 . 0 [get it](#)  
smg-10 15/04/1994 4 . 4 . 0 [get it](#)  
smg-12 07/10/1994 4 . 5 . 0 [get it](#)

---

**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Ph2 *current version:* 4.12.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*  
smg-08 01/10/1993 4 . 5 . 0 [get it](#) *remarks - this release:*  
smg-09 21/01/1994 4 . 6 . 0 [get it](#)  
smg-10 15/04/1994 4 . 7 . 0 [get it](#)  
smg-13 27/01/1995 4 . 8 . 0 [get it](#)  
smg-15 07/07/1995 4 . 9 . 0 [get it](#)  
smg-16 20/10/1995 4 . 10 . 0 [get it](#)  
smg-17 02/02/1996 4 . 11 . 0 [get it](#)  
smg-23 17/10/1997 4 . 12 . 0 [get it](#)  
ETSI Publication 23/10/1998 4 . 12 . 1 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 694

02 December 2002 20:53:36

Server ACTIVE specs Ph2 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

<b>TS 08.20</b>	<b>Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface</b>					
Ph2	current version: 4.2.3	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 2 . 1	<a href="#">get it</a>	remarks - general:			
	smg-13 27/01/1995 4 . 2 . 3	<a href="#">get it</a>	remarks - this release:			
<b>TS 08.51</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects</b>					
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>	remarks - general:			
	smg-13 27/01/1995 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
<b>TS 08.52</b>	<b>Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface- Interface Principles</b>					
Ph2	current version: 4.2.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-07 25/06/1993 4 . 0 . 1	<a href="#">get it</a>	remarks - general:			
	smg-13 27/01/1995 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
	smg-14 07/04/1995 4 . 2 . 0	<a href="#">get it</a>				
<b>TS 08.54</b>	<b>BSC-BTS Layer 1; Structure of Physical Circuits</b>					
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-07 26/06/1993 4 . 0 . 1	<a href="#">get it</a>	remarks - general:			
	smg-13 27/01/1995 4 . 1 . 0	<a href="#">get it</a>	remarks - this release:			
<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>					
Ph2	current version: 4.0.2	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-08 01/10/1993 4 . 0 . 0	<a href="#">get it</a>	remarks - general:			
	ETSI Publication 13/09/1994 4 . 0 . 2	<a href="#">get it</a>	remarks - this release:			

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 695

02 December 2002 20:53:36

Server ACTIVE specs Ph2 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.58</b>	<b>Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>								
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i>		Peter Skov						
		G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 3 . 0	<a href="#">get it</a>	<i>remarks - general:</i>					
	smg-08 01/10/1993	4 . 4 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	#7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0				
	smg-09 21/01/1994	4 . 5 . 0	<a href="#">get it</a>						
	smg-10 15/04/1994	4 . 6 . 0	<a href="#">get it</a>						
	smg-13 27/01/1995	4 . 7 . 0	<a href="#">get it</a>						
	smg-15 07/07/1995	4 . 8 . 0	<a href="#">get it</a>						
	smg-16 20/10/1995	4 . 9 . 0	<a href="#">get it</a>						

---

<b>TS 08.60</b>	<b>In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels</b>								
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i>		Peter Skov						
		G: yes U:	MCC: USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 1 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
	smg-13 27/01/1995	4 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>					
	smg-22 13/06/1997	4 . 3 . 0	<a href="#">get it</a>						
	smg-23 17/10/1997	4 . 4 . 0	<a href="#">get it</a>						
	Editorial 17/11/1997	4 . 4 . 1	<a href="#">get it</a>						

---

<b>TS 08.61</b>	<b>In-band control of remote transcoders and rate adaptors for half rate traffic channels</b>								
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i>		Peter Skov						
		G: yes U:	MCC: USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-13 27/01/1995	4 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
	ETSI Publication 19/01/1996	4 . 0 . 2	<a href="#">get it</a>	<i>remarks - this release:</i>					

---

Ph2

09 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 696

02 December 2002 20:53:37

Server ACTIVE specs Ph2 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TR 09.01</b>	<b>General Network Interworking Scenarios</b>								
Ph2	current version: 4.0.1			WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general:	
	smg-09 21/01/1994	4	.	0	.	1	<a href="#">get it</a>	remarks - this release:	
<hr/>									
<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>								
Ph2	current version: 4.19.1			WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	4	.	0	<a href="#">get it</a>	remarks - general: CN->N4 Apr00 (JMM)	
	smg-08 01/10/1993	4	.	5	.	0	<a href="#">get it</a>	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	<a href="#">get it</a>		
	smg-10 15/04/1994	4	.	7	.	0	<a href="#">get it</a>		
	smg-11 01/07/1994	4	.	8	.	0	<a href="#">get it</a>		
	smg-12 07/10/1994	4	.	9	.	0	<a href="#">get it</a>		
	smg-13 27/01/1995	4	.	10	.	0	<a href="#">get it</a>		
	smg-14 07/04/1995	4	.	11	.	0	<a href="#">get it</a>		
	smg-16 20/10/1995	4	.	12	.	0	<a href="#">get it</a>		
	smg-17 02/02/1996	4	.	13	.	0	<a href="#">get it</a>		
	smg-19 28/06/1996	4	.	14	.	0	<a href="#">get it</a>		
	smg-20 11/10/1996	4	.	15	.	0	<a href="#">get it</a>		
	smg-21 14/02/1997	4	.	16	.	0	<a href="#">get it</a>		
	smg-22 13/06/1997	4	.	17	.	0	<a href="#">get it</a>		
	smg-23 17/10/1997	4	.	18	.	0	<a href="#">get it</a>		
	NP-08 23/06/2000	4	.	19	.	0	<a href="#">get it</a>		
	ETSI Publication 04/01/2001	4	.	19	.	1	<a href="#">get it</a>		
<hr/>									
<b>TS 09.03</b>	<b>Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile</b>								
Ph2	current version: Network (PLMN)	4.0.3		WG (prime / other): N3	/-	rapporteur: BOSWARTHICK, David			
ETSI Secretariat									
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	0	<a href="#">get it</a>	remarks - general: N3: "no R99 needed".	
	smg-09 21/01/1994	4	.	0	.	1	<a href="#">get it</a>	remarks - this release: #8: 4.0.0 #9: 4.0.1	
	ETSI Publication 14/03/1995	4	.	0	.	3	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>							
Ph2	current version: 4.0.2	WG (prime / other):	N3 / -	rporteur:	BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David			
history (event, available, version,								
smg-07	25/06/1993	4	. 0	. 0			<a href="#">get it</a>	remarks - general: N3: "no R99 needed".
smg-08	01/10/1993	4	. 0	. 1			<a href="#">get it</a>	remarks - this release: #7: 4.0.0 #8: 4.0.1 #9: 4.0.2
smg-09	21/01/1994	4	. 0	. 2			<a href="#">get it</a>	
<hr/>								
<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>							
Ph2	current version: 4.4.2	WG (prime / other):	N3 / -	rporteur:	BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David			
history (event, available, version,								
smg-07	25/06/1993	4	. 3	. 0			<a href="#">get it</a>	remarks - general: N3: "no R99 needed".
smg-08	01/10/1993	4	. 4	. 0			<a href="#">get it</a>	remarks - this release: #7: 4.3.0 #8: 4.4.0 #9: 4.4.1
smg-09	21/01/1994	4	. 4	. 1			<a href="#">get it</a>	
ETSI Publication	13/09/1994	4	. 4	. 2			<a href="#">get it</a>	
<hr/>								
<b>TS 09.06</b>	<b>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</b>							
Ph2	current version: <b>Switched Data Transmission Services</b>	4.5.0		WG (prime / other):	N3	/-	rporteur:	BOSWARTHICK, David
ETSI Secretariat								
	freeze_meeting:			G: yes	U:		MCC:	BOSWARTHICK, David
history (event, available, version,								
smg-07	25/06/1993	4	. 3	. 0			<a href="#">get it</a>	remarks - general: N3: "no R99 needed".
smg-09	21/01/1994	4	. 4	. 0			<a href="#">get it</a>	remarks - this release: #7: 4.3.0 #9: 4.4.0 #12: 4.5.0
smg-12	07/10/1994	4	. 5	. 0			<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 698

02 December 2002 20:53:37

Server ACTIVE specs Ph2 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
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>		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 4 . 0			<a href="#">get it</a>		<i>remarks - general:</i>		
	smg-08 01/10/1993	4 . 5 . 0			<a href="#">get it</a>		<i>remarks - this release:</i>	#7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0 #18: 4.11.0 #20: 4.12.0 #27: 4.13.0	
	smg-09 21/01/1994	4 . 6 . 0			<a href="#">get it</a>				
	smg-10 15/04/1994	4 . 7 . 0			<a href="#">get it</a>				
	smg-13 27/01/1995	4 . 8 . 0			<a href="#">get it</a>				
	smg-14 07/04/1995	4 . 9 . 0			<a href="#">get it</a>				
	smg-16 20/10/1995	4 . 10 . 0			<a href="#">get it</a>				
	smg-18 12/04/1996	4 . 11 . 0			<a href="#">get it</a>				
	smg-20 11/10/1996	4 . 12 . 0			<a href="#">get it</a>				
	smg-27 16/10/1998	4 . 13 . 0			<a href="#">get it</a>				
	ETSI Publication 23/03/1999	4 . 13 . 1			<a href="#">get it</a>				

---

<b>TS 09.08</b>	<b>Application of the Base Station System Application Part (BSSAP) on the E-Interface</b>								
Ph2	<i>current version:</i> 4.1.1			<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Ericsson Incorporated	
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-09 21/01/1994	4 . 0 . 0			<a href="#">get it</a>		<i>remarks - general:</i>		
	smg-13 27/01/1995	4 . 1 . 0			<a href="#">get it</a>		<i>remarks - this release:</i>	#9: 4.0.0 #13: 4.1.0	
	Editorial 27/02/1995	4 . 1 . 1			<a href="#">get it</a>				

---

<b>TS 09.10</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
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	
SONERA Corporation									
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-08 01/10/1993	4 . 0 . 0			<a href="#">get it</a>		<i>remarks - general:</i>		
	smg-09 21/01/1994	4 . 1 . 0			<a href="#">get it</a>		<i>remarks - this release:</i>	#8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0	
	smg-10 15/04/1994	4 . 2 . 0			<a href="#">get it</a>				
	smg-17 02/02/1996	4 . 3 . 0			<a href="#">get it</a>				
	smg-23 17/10/1997	4 . 4 . 0			<a href="#">get it</a>				
	Editorial 17/11/1997	4 . 4 . 1			<a href="#">get it</a>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 699

02 December 2002 20:53:38

Server ACTIVE specs Ph2 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

## TS 09.11 Signalling Interworking for Supplementary Services

Ph2 current version: 4.6.1

freeze\_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	0
smg-08	01/10/1993	4	.	2	.	0
smg-09	21/01/1994	4	.	3	.	0
smg-12	07/10/1994	4	.	4	.	0
smg-13	27/01/1995	4	.	5	.	0
smg-19	28/06/1996	4	.	6	.	0
Editorial	28/07/1996	4	.	6	.	1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG  
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
[get it](#) remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

Ph2 current version: 4.2.2

freeze\_meeting:

history (event, available, version,

smg-17		4	.	0	.	0
ETSI vote	06/02/1997	4	.	1	.	0
ETSI publication	16/05/1997	4	.	1	.	1
smg-22	13/06/1997	4	.	2	.	1
ETSI publication	26/05/1999	4	.	2	.	2

WG (prime / other): SPA / N4 rapporteur: HÄNDIG, Peter Telia Mobile AB  
G: yes U: MCC:

[get it](#) remarks - general: EN 300 646  
[get it](#) remarks - this release: smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.  
[get it](#)  
[get it](#)

## TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 current version: 4.9.0

freeze\_meeting:

history (event, available, version,

smg-15	07/07/1995	4	.	5	.	0
smg-16 ?	20/10/1995	4	.	6	.	0
smg-18	12/04/1996	4	.	7	.	0
smg-19	28/06/1996	4	.	8	.	0
smg-22	13/06/1997	4	.	9	.	0

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:  
[get it](#) remarks - this release:  
[get it](#)  
[get it](#)

## TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

Ph2 current version: 4.0.1

freeze\_meeting:

history (event, available, version,

smg-10	15/04/1994	4	.	0	.	0
Editorial correction	15/05/1994	4	.	0	.	1

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: MCC: DIETZE, Claus

[get it](#) remarks - general:  
[get it](#) remarks - this release: #10: 4.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 700

02 December 2002 20:53:38

ACTIVE specs Ph2 09 .- series  
Server [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>								
Ph2	<i>current version:</i> 4.6.0								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-14 07/04/1995	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>	
	smg-15 07/07/1995	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>	v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.
	smg-16 20/10/1995	4	.	2	.	0	<a href="#">get it</a>		
	smg-19 28/06/1996	4	.	3	.	0	<a href="#">get it</a>		
	smg-23 17/10/1997	4	.	4	.	0	<a href="#">get it</a>		
	smg-30 11/11/1999	4	.	5	.	0	<a href="#">get it</a>		
	NP-16 26/06/2002	4	.	6	.	0	<a href="#">get it</a>		

---

---

Ph2 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 701

02 December 2002 20:53:38

Server ACTIVE specs Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

Ph2 current version: 4.29.0  
freeze\_meeting:

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16 20/10/1995 4 . 13 . 0

smg-17 02/02/1996 4 . 14 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

smg-18 12/04/1996 4 . 15 . 0

smg-19 28/06/1996 4 . 16 . 0

smg-20 11/10/1996 4 . 17 . 0

smg-21 14/02/1997 4 . 18 . 0

smg-22 13/06/1997 4 . 19 . 0

smg-23 17/10/1997 4 . 20 . 0

smg-24 19/10/1997 4 . 21 . 0

smg-25 20/03/1998 4 . 22 . 0

smg-26 26/06/1998 4 . 23 . 1

smg-27 16/10/1998 4 . 24 . 0

smg-28 12/02/1999 4 . 25 . 0

smg-29 25/06/1999 4 . 26 . 0

smg-30 11/11/1999 4 . 27 . 0

smg-31 16/02/2000 4 . 28 . 0

ETSI Publication 08/09/2000 4 . 28 . 1

GP-06 06/09/2001 4 . 29 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently  
remarks - this release: #31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

## TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Ph2 current version: 4.16.0  
freeze\_meeting:

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16 20/10/1995 4 . 13 . 0

smg-17 02/02/1996 4 . 14 . 0

smg-18 12/04/1996 4 . 15 . 0

GP-06 06/09/2001 4 . 16 . 0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

remarks - general: 2001-11-19: G4->G5.  
remarks - this release: GP-06: Rel-4 serves all releases.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 702

02 December 2002 20:53:39

Server ACTIVE specs Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 current version: 4.34.0  
freeze\_meeting:

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16	20/10/1995	4 . 13 . 0	<a href="#">get it</a>
smg-17	02/02/1996	4 . 14 . 0	<a href="#">get it</a>
smg-18	12/04/1996	4 . 15 . 0	<a href="#">get it</a>
smg-19	28/06/1996	4 . 16 . 0	<a href="#">get it</a>
ETSI publication	27/01/1997	4 . 16 . 1	<a href="#">get it</a>
smg-20	11/10/1996	4 . 17 . 0	<a href="#">get it</a>
ETSI publication	04/06/1997	4 . 17 . 1	<a href="#">get it</a>
smg-21	14/02/1997	4 . 18 . 0	<a href="#">get it</a>
ETSI publication	11/09/1997	4 . 18 . 1	<a href="#">get it</a>
smg-22	13/06/1997	4 . 19 . 0	<a href="#">get it</a>
ETSI publication	02/02/1998	4 . 19 . 1	<a href="#">get it</a>
smg-23	17/10/1997	4 . 20 . 0	<a href="#">get it</a>
ETSI publication	11/05/1998	4 . 20 . 1	<a href="#">get it</a>
smg-24	19/12/1997	4 . 21 . 0	<a href="#">get it</a>
ETSI publication	24/08/1998	4 . 21 . 1	<a href="#">get it</a>
smg-25	20/03/1998	4 . 22 . 0	<a href="#">get it</a>
ETSI publication	23/10/1998	4 . 22 . 1	<a href="#">get it</a>
smg-26	26/06/1998	4 . 23 . 0	<a href="#">get it</a>
ETSI publication	16/12/1998	4 . 23 . 1	<a href="#">get it</a>
smg-27	16/10/1998	4 . 24 . 0	<a href="#">get it</a>
ETSI publication	08/04/1999	4 . 24 . 1	<a href="#">get it</a>
smg-28	12/02/1999	4 . 25 . 0	<a href="#">get it</a>
ETSI publication	25/08/1999	4 . 25 . 1	<a href="#">get it</a>
smg-29	25/06/1999	4 . 26 . 0	<a href="#">get it</a>
ETSI publication	23/12/1999	4 . 26 . 1	<a href="#">get it</a>
smg-30	11/11/1999	4 . 27 . 0	<a href="#">get it</a>
ETSI publication	23/06/2000	4 . 27 . 1	<a href="#">get it</a>
smg-31	16/02/2000	4 . 28 . 0	<a href="#">get it</a>
ETSI publication	05/10/2000	4 . 28 . 1	<a href="#">get it</a>
smg-32	20/06/2000	4 . 29 . 0	<a href="#">get it</a>
GP-02	01/12/2000	4 . 30 . 0	<a href="#">get it</a>
GP-03	25/01/2001	4 . 31 . 0	<a href="#">get it</a>

remarks - general: 2001-11-19: G4->G5.  
remarks - this release: GP-06: Rel-4 serves all releases.

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 703

02 December 2002 20:53:39

Server      ACTIV E specs    Ph2      11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

GP-04	11/04/2001	4	.	32	.	0	<a href="#">get it</a>
GP-05	28/06/2001	4	.	33	.	0	<a href="#">get it</a>
GP-06	06/09/2001	4	.	34	.	0	<a href="#">get it</a>

---

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph2      *current version:* 4.21.1

*WG (prime / other):* T3 / -      *rapporteur:* GUTHERY, Scott B.      Mobile-Mind Inc.  
*freeze\_meeting:*                      G:                      yes    U:                      MCC:                      DIETZE, Claus

*comments):*

*history (event, available, version,*

smg-07	25/06/1993	4	.	8	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	9	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
smg-09	21/01/1994	4	.	10	.	0	<a href="#">get it</a>	
smg-10	15/04/1994	4	.	11	.	0	<a href="#">get it</a>	
smg-11	01/07/1994	4	.	12	.	0	<a href="#">get it</a>	
smg-12	07/10/1994	4	.	13	.	0	<a href="#">get it</a>	
smg-13	27/01/1995	4	.	14	.	0	<a href="#">get it</a>	
smg-15	07/04/1995	4	.	15	.	0	<a href="#">get it</a>	
smg-16	20/10/1995	4	.	16	.	0	<a href="#">get it</a>	
smg-18	12/04/1996	4	.	17	.	0	<a href="#">get it</a>	
smg-19	28/06/1996	4	.	18	.	0	<a href="#">get it</a>	
smg-22	13/06/1997	4	.	19	.	0	<a href="#">get it</a>	
smg-25	20/03/1998	4	.	20	.	0	<a href="#">get it</a>	
smg-29	25/06/1999	4	.	21	.	0	<a href="#">get it</a>	
ETSI Publication	17/12/1999	4	.	21	.	1	<a href="#">get it</a>	

---

## TS 11.12 Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface

Ph2      *current version:* 4.3.1

*WG (prime / other):* T3 / -      *rapporteur:* LINDHOLM, Rune      NOKIA MOBILE PHONES  
*freeze\_meeting:*                      G:                      yes    U:                      MCC:                      DIETZE, Claus

*history (event, available, version,*

smg-15	07/07/1995	4	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
smg-17	02/02/1996	4	.	1	.	0	<a href="#">get it</a>	<i>remarks - this release:</i>
ETSI vote	05/08/1996	4	.	1	.	1	<a href="#">get it</a>	
ETSI publication	19/12/1996	4	.	1	.	2	<a href="#">get it</a>	
smg-21	14/02/1997	4	.	2	.	0	<a href="#">get it</a>	
ETSI publication	26/08/1997	4	.	2	.	1	<a href="#">get it</a>	
smg-23	17/10/1997	4	.	3	.	0	<a href="#">get it</a>	
ETSI publication	07/04/1998	4	.	3	.	1	<a href="#">get it</a>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 704

02 December 2002 20:53:39

Server ACTIVE specs Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.21</b>	<b>Base Station System (BSS) equipment specification; Radio aspects</b>				
Ph2	current version: 4.14.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	smg-11 01/07/1994	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-12 07/10/1994	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-13 27/01/1995	4 . 2 . 0	<a href="#">get it</a>		
	smg-15 07/07/1995	4 . 3 . 0	<a href="#">get it</a>		
	smg-16 20/10/1995	4 . 4 . 0	<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 5 . 0	<a href="#">get it</a>		
	smg-18 12/04/1996	4 . 6 . 0	<a href="#">get it</a>		
	smg-20 11/10/1996	4 . 7 . 0	<a href="#">get it</a>		
	smg-22 13/06/1997	4 . 8 . 0	<a href="#">get it</a>		
	smg-23 17/10/1997	4 . 9 . 0	<a href="#">get it</a>		
	smg-25 20/03/1998	4 . 10 . 0	<a href="#">get it</a>		
	smg-26 26/06/1998	4 . 11 . 0	<a href="#">get it</a>		
	smg-27 16/10/1998	4 . 12 . 0	<a href="#">get it</a>		
	smg-28 12/02/1999	4 . 13 . 0	<a href="#">get it</a>		
	smg-29 25/06/1999	4 . 14 . 0	<a href="#">get it</a>		
	ETSI Publication 17/12/1999	4 . 14 . 1	<a href="#">get it</a>		

---

<b>TR 11.22</b>	<b>GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes</b>				
Ph2	current version: 4.2.0	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	<to be defined>	4 . 0 . 0		remarks - general:	
	smg-21 14/02/1997	4 . 1 . 3	<a href="#">get it</a>	remarks - this release:	.
	smg-31 bis 17/04/2000	4 . 2 . 0	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 705

02 December 2002 20:53:40

Server ACTIVE specs Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.23</b>	<b>GSM Signalling Aspects Base Station System equipment Specification</b>				
Ph2	current version: 4.9.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	smg-11 01/07/1994	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-15 07/07/1995	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#11: 4.0.0 #14: 4.1.0 #15: 4.1.0 #16: 4.2.0 #17: 4.3.0 #18: 4.4.0 #19: 4.5.0 #21: 4.6.0 #22: 4.7.0 #23: 4.8.0 #25: 4.9.0
	smg-16 20/10/1995	4 . 2 . 0	<a href="#">get it</a>		
	smg-17 02/02/1996	4 . 3 . 0	<a href="#">get it</a>		
	smg-18 12/04/1996	4 . 4 . 0	<a href="#">get it</a>		
	smg-19 28/06/1996	4 . 5 . 0	<a href="#">get it</a>		
	smg-21 14/02/1997	4 . 6 . 0	<a href="#">get it</a>		
	smg-22 13/06/1997	4 . 7 . 0	<a href="#">get it</a>		
	smg-23 17/10/1997	4 . 8 . 0	<a href="#">get it</a>		
	smg-25 20/03/1998	4 . 9 . 0	<a href="#">get it</a>		
	Editorial 20/10/1998	4 . 9 . 1	<a href="#">get it</a>		

---

<b>TS 11.24</b>	<b>GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification</b>				
Ph2	current version: 4.3.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	smg-14 07/04/1995	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-20 11/10/1996	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	#14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0
	smg-25 20/03/1998	4 . 2 . 0	<a href="#">get it</a>		
	smg-27 16/10/1998	4 . 3 . 0	<a href="#">get it</a>		
	Editorial correction 16/10/1998	4 . 3 . 1	<a href="#">get it</a>		

---

<b>TS 11.26</b>	<b>Base Station System (BSS) equipment specification; Part 4: Repeaters</b>				
Ph2	current version: 4.2.2	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	smg-15 07/07/1995	4 . 0 . 0	<a href="#">get it</a>	remarks - general:	
	smg-17 02/02/1996	4 . 1 . 0	<a href="#">get it</a>	remarks - this release:	
	smg-18 12/04/1996	4 . 2 . 0	<a href="#">get it</a>		
	smg-20 11/10/1996	4 . 2 . 2	<a href="#">get it</a>		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 706

02 December 2002 20:53:40

Server ACTIVE specs Ph2 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

Ph2 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management

Ph2 current version: 4.6.0 WG (prime / other): S5 / - rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, [get it](#) remarks - general:  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) remarks - this release:  
smg-08 01/10/1993 4 . 1 . 0 [get it](#)  
smg-11 01/07/1994 4 . 2 . 0 [get it](#)  
smg-15 07/07/1995 4 . 3 . 0 [get it](#)  
smg-16 20/10/1995 4 . 4 . 0 [get it](#)  
smg-17 02/02/1996 4 . 5 . 0 [get it](#)  
smg-23 17/10/1997 4 . 6 . 0 [get it](#)

## TS 12.01 Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management

Ph2 current version: 4.4.1 WG (prime / other): S5 / NP rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, [get it](#) remarks - general:  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) remarks - this release:  
smg-08 01/10/1993 4 . 1 . 0 [get it](#)  
smg-10 15/04/1994 4 . 2 . 0 [get it](#)  
smg-11 01/07/1994 4 . 3 . 0 [get it](#)  
smg-17 02/02/1996 4 . 4 . 0 [get it](#)  
Editorial 02/02/1996 4 . 4 . 1 [get it](#)

## TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration

Ph2 current version: 4.6.1 WG (prime / other): S5 / S1 rapporteur: TRUSS, Michael MOTOROLA Ltd  
freeze\_meeting: G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, [get it](#) remarks - general:  
smg-07 25/06/1993 4 . 0 . 0 [get it](#) remarks - this release:  
smg-08 01/10/1993 4 . 1 . 0 [get it](#)  
smg-09 21/01/1994 4 . 2 . 0 [get it](#)  
smg-11 01/07/1994 4 . 3 . 0 [get it](#)  
smg-15 07/07/1995 4 . 4 . 0 [get it](#)  
smg-16 20/10/1995 4 . 5 . 0 [get it](#)  
smg-17 02/02/1996 4 . 6 . 0 [get it](#)  
Editorial 02/02/1996 4 . 6 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 707

02 December 2002 20:53:41

Server ACTIVE specs Ph2 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

<b>TS 12.03</b>	<b>Security Management</b>						
Ph2	current version: 4.2.1						
	freeze_meeting:						
	history (event, available, version,						
	smg-11 01/07/1994	4	.	0	.	0	
	smg-14 07/04/1995	4	.	1	.	0	
	smg-17 02/02/1996	4	.	2	.	0	
	Editorial 02/02/1996	4	.	2	.	1	
				<a href="#">get it</a>		remarks - general:	
				<a href="#">get it</a>		remarks - this release:	
				<a href="#">get it</a>			
				<a href="#">get it</a>			
<hr/>							
<b>TS 12.04</b>	<b>Performance data measurements</b>						
Ph2	current version: 4.3.1						
	freeze_meeting:						
	history (event, available, version,						
	smg-08 01/10/1993	4	.	0	.	0	
	smg-11 01/07/1994	4	.	1	.	0	
	smg-13 27/01/1995	4	.	2	.	0	
	smg-17 02/02/1996	4	.	3	.	0	
	Editorial correction 02/02/1996	4	.	3	.	1	
				<a href="#">get it</a>		remarks - general:	
				<a href="#">get it</a>		remarks - this release:	
				<a href="#">get it</a>			
				<a href="#">get it</a>			
<hr/>							
<b>TS 12.05</b>	<b>Subscriber Related Call and Event Data</b>						
Ph2	current version: 4.3.1						
	freeze_meeting:						
	history (event, available, version,						
	smg-08 01/10/1993	4	.	0	.	0	
	smg-11 01/07/1994	4	.	1	.	0	
	smg-15 07/07/1995	4	.	1	.	1	
	smg-17 02/02/1996	4	.	2	.	0	
	smg-22 13/06/1997	4	.	3	.	0	
	Editorial correction 13/06/1997	4	.	3	.	1	
				<a href="#">get it</a>		remarks - general:	
				<a href="#">get it</a>		remarks - this release:	
				<a href="#">get it</a>			
				<a href="#">get it</a>			
<hr/>							

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 708

02 December 2002 20:53:41

Server ACTIVE specs Ph2 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-11 01/07/1994 4 . 0 . 0  
smg-12 07/10/1994 4 . 0 . 1  
smg-17 02/02/1996 4 . 1 . 0  
Editorial correction 02/02/1996 4 . 1 . 1

*WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*G: yes U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)

## TS 12.08 Subscriber and Equipment trace

Ph2 *current version:* 4.6.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-12 07/10/1994 4 . 0 . 0  
smg-14 07/04/1995 4 . 1 . 0  
smg-16 20/10/1995 4 . 2 . 0  
smg-18 12/04/1996 4 . 3 . 0  
smg-20 11/10/1996 4 . 4 . 0  
smg-22 13/06/1997 4 . 5 . 0  
smg-23 17/10/1997 4 . 6 . 0  
ETSI publication 30/10/2001 4 . 6 . 1

*WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*G: yes U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 12.11 Fault management of the Base Station System (BSS)

Ph2 *current version:* 4.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-26 26/06/1998 4 . 2 . 0  
Editorial correction 26/06/1998 4 . 2 . 1

*WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*G: yes U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 709

02 December 2002 20:53:41

Server ACTIVE specs Ph2 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.20 Base Station System (BSS) Management Information

Ph2 current version: 4.2.1

freeze\_meeting:

history (event, available, version,

smg-09 21/01/1994 4 . 0 . 0

smg-11 01/07/1994 4 . 1 . 0

smg-13 27/01/1995 4 . 1 . 1

smg-17 02/02/1996 4 . 2 . 0

Editorial correction 02/02/1996 4 . 2 . 1

WG (prime / other): S5 / NP rapporteur: TRUSS, Michael

G: yes U: MCC: ZOICAS, Adrian

MOTOROLA Ltd

[get it](#) remarks - general:

[get it](#) remarks - this release: #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0

[get it](#)

[get it](#)

[get it](#)

## TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 current version: 4.6.0

freeze\_meeting:

history (event, available, version,

4 . 0 . 0

smg-07 25/06/1993 4 . 1 . 0

smg-08 01/10/1993 4 . 2 . 0

smg-09 21/01/1994 4 . 3 . 0

smg-11 01/07/1994 4 . 4 . 0

smg-13 27/01/1995 4 . 5 . 0

smg-16 20/10/1995 4 . 5 . 2

ETSI publication 4 . 5 . 4

smg-21 14/02/1997 4 . 6 . 0

WG (prime / other): G3 / S5 rapporteur: TRUSS, Michael

G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

remarks - general: SP-13: S5->G3 but no change of rapporteur.

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

## TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 current version: 4.1.4

freeze\_meeting:

history (event, available, version,

smg-11 01/07/1994 4 . 0 . 0

smg-13 27/01/1995 4 . 1 . 0

PE88 24/07/1995 4 . 1 . 1

smg-16 20/10/1995 4 . 1 . 2

V100 25/03/1996 4 . 1 . 3

ETSI publication 04/09/1996 4 . 1 . 4

WG (prime / other): G3 / S5 rapporteur: YUHAN, Albert

G: yes U: MCC: USAI, Paolino

VoiceStream Wireless Corporation

remarks - general: SP-13: S5->G3 but no change of rapporteur.

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

# 3GPP specification status

Page 710

02 December 2002 20:53:41

Server ACTIVE specs Ph2 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

## TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M

Ph2 *current version:* 4.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-10 15/04/1994 4 . 0 . 0  
smg-11 01/07/1994 4 . 1 . 0  
smg-15 07/07/1995 4 . 2 . 0

*WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd  
*G: yes U:* *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #10: 4.0.0 #11: 4.1.0 #15: 4.2.0  
[get it](#)

---

Ph2 TB .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

---

## TS TBR19 General Attachment Requirements for GSM Mobile Stations

Ph2 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:*  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29:  
4.5.0 (was originally 13.01)

---

---

## TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:*  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

---

---

## TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:*  
*G: yes U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 711

02 December 2002 20:53:42

Server ACTIVE specs Ph2 TB .- series  
[http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

---

## TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): MSG / - rapporteur:  
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:  
remarks - this release: #17: 4.0.0

---

## Ph1-EXT

Ph1-EXT 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.20 Security-related Network Functions

Ph1-EXT  
current version: 3.0.0  
freeze\_meeting:  
history (event, available, version,  
smg-07 01/01/1995 3 . 0 . 0

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom  
GP Sebastien  
G: yes U: MCC: POPE, Maurice

[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](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.08 Mobile radio interface layer 3 specification

Ph1-EXT  
current version: 3.0.0  
freeze\_meeting:  
history (event, available, version,  
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd  
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
remarks - this release: Thomasen (even numbered CRs!)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 712

02 December 2002 20:53:42

Server ACTIVE specs Ph1-EXT 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

Ph1-EXT 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Ph1-EXT current version: 3.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: G: yes U: MCC: THOMASEN, Gert  
history (event, available, version, smg-07 01/01/1995 3 . 0 . 0 [get it](#) remarks - general:  
remarks - this release:

---

**TS 08.58 Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification**  
Ph1-EXT current version: 3.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
freeze\_meeting: G: yes U: MCC: THOMASEN, Gert  
history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: #7: 3.0.0

---

## Ph1-DCS

---

Ph1-DCS 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.06 Types of Mobile Stations (MS)**  
Ph1-DC current version: 3.2.0 WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc  
freeze\_meeting: G: yes U: MCC: CLAYTON, Michael  
history (event, available, version, 01/01/1995 3 . 0 . 0 [get it](#) remarks - general:  
10/05/1994 3 . 1 . 0 [get it](#) remarks - this release: .  
10/01/1994 3 . 2 . 0 [get it](#)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 713

02 December 2002 20:53:42

Server ACTIVE specs Ph1-DC 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.11 Service Accessibility

Ph1-DC *current version:* 3.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 0

*WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:*

---

Ph1-DCS 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

## TS 03.12 Location Registration Procedures

Ph1-DC *current version:* 3.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 1

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*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](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

## TS 04.08 Mobile radio interface layer 3 specification

Ph1-DC *current version:* 3.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 0

*WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert  
*remarks - this release:* . Thomasen (even numbered CRs!)

---

Ph1-DCS 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 714

02 December 2002 20:53:42

Server ACTIVE specs Ph1-DC 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

## TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1-DC *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri  
*G: yes U:* MCCA: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

## TS 05.05 Radio Transmission and Reception

Ph1-DC *current version:* 3.3.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-07 3 . 2 . 0  
smg-08 01/01/1995 3 . 3 . 0

*WG (prime / other):* G1 / - *rapporteur:* SAMUELSSON, Mats  
*G: yes U:* MCCA: USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:*

---

## TS 05.08 Radio Subsystem Link Control

Ph1-DC *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* G1 / - *rapporteur:* EL-SAIGH, Amer  
*G: yes U:* MCCA: USAI, Paolino

VODAFONE Group Plc

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

Ph1-DCS 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.58 Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1-DC *current version:* 3.0.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels  
*G: yes U:* MCCA: Peter Skov  
THOMASEN, Gert

MOTOROLA A/S

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 715

02 December 2002 20:53:42

Server ACTIVE specs Ph1-DC 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

Ph1-DCS 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TS 09.02 Mobile Application Part (MAP) Specification**

Ph1-DC current version: 0.0.0 DRAFT

freeze\_meeting:

history (event, available, version,  
03/03/1993 0 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: CN->N4 Apr00 (JMM)  
remarks - this release:

---

**TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling**

Ph1-DC current version: Procedures and the Mobile Application Part (MAP)

SONERA Corporation

freeze\_meeting:

history (event, available, version,  
ETSI publication 01/01/1995 3 . 0 . 0

3.0.0 WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:  
remarks - this release: .

---

Ph1-DCS 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 716

02 December 2002 20:53:42

Server ACTIVE specs Ph1-DC 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10 Mobile Station Conformity Specification

Ph1-DC current version: 3.23.1  
freeze\_meeting:

WG (prime / other): G4 / S1 / rapporteur: LEGRAND, Walter EADS/DSN

G5 /  
NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-02		3	.	2	.	0
smg-03		3	.	3	.	0
smg-04bis		3	.	4	.	0
smg-05		3	.	5	.	0
smg-06	28/06/1995	3	.	6	.	0
smg-07	07/06/1996	3	.	7	.	0
smg-08	07/06/1996	3	.	8	.	0
smg-09	07/06/1996	3	.	9	.	0
smg-10	07/06/1996	3	.	10	.	0
smg-11	07/06/1996	3	.	11	.	0
smg-12	07/06/1996	3	.	12	.	0
smg-13	07/06/1996	3	.	13	.	0
last known	01/12/1996	3	.	23	.	1

remarks - general:  
remarks - this release:

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM -ME) Interface

Ph1-DC current version: 3.3.4  
freeze\_meeting:

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: MCC: DIETZE, Claus

history (event, available, version,

smg-02		3	.	2	.	0
smg-04		3	.	3	.	0
smg-08		3	.	3	.	1
smg-09		3	.	3	.	2
smg-11		3	.	3	.	3
smg-12	21/02/1994	3	.	3	.	4

remarks - general:  
remarks - this release:

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 717

02 December 2002 20:53:43

Server ACTIVE specs Ph1-DC 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

## TS 11.20 GSM DCS 1800 Base Station Specification

Ph1-DC *current version:* 3.13.0

*freeze\_meeting:*

*history (event, available, version,*

smg-01	3	.	1	.	0	
smg-02	3	.	2	.	0	
smg-03	3	.	3	.	0	
smg-04	3	.	4	.	0	
smg-05	3	.	5	.	0	
smg-06	3	.	6	.	0	
smg-07	3	.	7	.	0	
smg-08	3	.	8	.	0	
smg-09	3	.	9	.	0	
smg-10	3	.	10	.	0	
smg-11	3	.	11	.	0	
smg-12	3	.	12	.	0	
smg-17	01/01/1995	3	.	13	.	0

*WG (prime / other):* GP / NP *rapporteur:* VACANT,  
*G: yes U:* MCC: USAI, Paolino

*remarks - general:*  
*remarks - this release:*

[get it](#)

---

## TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1-DC *current version:* 3.3.0

*freeze\_meeting:*

*history (event, available, version,*

smg-04	3	.	2	.	0	
smg-11	13/11/1995	3	.	3	.	0

*WG (prime / other):* G4 / - *rapporteur:*  
*G: yes U:* MCC: CLAYTON, Michael

*remarks - general:*  
*remarks - this release:* #4: 3.2.0 #11: 3.3.0

[get it](#)

---

# Ph1

Ph1

01 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 718

02 December 2002 20:53:43

Server ACTIVE specs Ph1 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

## TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
gsm-29 2 . 0 . 3  
smg-12 07/10/1994 3 . 0 . 0  
ETSI publication 01/01/1995 3 . 0 . 1

*WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G: yes U:* MCC: USAI, Paolino

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

Ph1 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-18 10/04/1996 3 . 0 . 0  
ETSI publication 01/01/1995 3 . 0 . 1  
PT12 release 15/02/1992 3 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*G: yes U:* MCC: CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

## TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
CEPT GSM doc 15/01/1990 3 . 1 . 1  
CEPT GSM doc 15/07/1991 3 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*G: yes U:* MCC: CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

## TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.4.1  
*freeze\_meeting:*  
*history (event, available, version,*  
CEPT GSM doc 03/01/1991 3 . 4 . 0  
edito 22/07/1998 3 . 4 . 1

*WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*G: yes U:* MCC: CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 719

02 December 2002 20:53:43

Server ACTIVE specs Ph1 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.04 General on Supplementary Services

Ph1 *current version:* 3.7.1  
*freeze\_meeting:*  
*history (event, available, version,*  
- 24/07/1998 3 . 7 . 0  
CEPT GSM doc 03/01/1991 3 . 7 . 1

*WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .

## TS 02.06 Types of Mobile Stations (MS)

Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 0

*WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* .

## TS 02.07 Mobile Station (MS) Features

Ph1 *current version:* 3.4.1  
*freeze\_meeting:*  
*history (event, available, version,*  
- 10/05/1994 3 . 3 . 0  
- 10/05/1994 3 . 4 . 0  
ETSI publication 01/01/1995 3 . 4 . 1

*WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

## TS 02.09 Security aspects

Ph1 *current version:* 3.1.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 0

*WG (prime / other):* S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB  
NP  
*G: yes U:* *MCC:* POPE, Maurice

[get it](#) *remarks - general:*  
*remarks - this release:*

## TS 02.11 Service Accessibility

Ph1 *current version:* 3.7.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 7 . 0

*WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 720

02 December 2002 20:53:43

Server ACTIVE specs Ph1 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.16 International Mobile Station Equipment Identities (IMEI)**

Ph1 *current version:* 3.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 1

*WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 02.17 Subscriber Identity Module (SIM); Functional characteristics**

Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
.. 30/08/2001 3 . 1 . 2  
.. 04/01/2002 3 . 2 . 0  
ETSI publication 01/01/1995 3 . 2 . 0

*WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*G: yes U:* *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

---

**TS 02.17 Subscriber Identity Module (SIM); Functional characteristics**

Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
.. 30/08/2001 3 . 1 . 2  
.. 04/01/2002 3 . 2 . 0  
ETSI publication 01/01/1995 3 . 2 . 0

*WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD  
*G: yes U:* *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)

---

**TS 02.20 Collection charges**

Ph1 *current version:* 3.0.1  
*freeze\_meeting:*  
*history (event, available, version,*  
06/05/1992: 09/10/1997 3 . 0 . 1

*WG (prime / other):* S1 / *rapporteur:* , CLAYTON, Michael  
*G: yes U:* *MCC:*

[get it](#) *remarks - general:*  
*remarks - this release:*

---

**TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)**

Ph1 *current version:* 3.9.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 9 . 0

*WG (prime / other):* S1 / *rapporteur:* JEAL, David VODAFONE Group Plc  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 721

02 December 2002 20:53:44

Server ACTIVE specs Ph1 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.40 Procedures for Call Progress Indications**  
Ph1 *current version:* 3.2.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 0

*WG (prime / other):* S1 / NP *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1**  
Ph1 *current version:* 3.6.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 6 . 1

*WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 02.88 Call Barring (CB) Supplementary Services; Stage 1**  
Ph1 *current version:* 3.6.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 6 . 1

*WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

Ph1 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.01 Network Functions**  
Ph1 *current version:* 3.1.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 1

*WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB  
*G: yes U:* *MCC:* SULTAN, Alain

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 722

02 December 2002 20:53:44

Server ACTIVE specs Ph1 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.02</b>	<b>Network Architecture</b>					
Ph1	<i>current version:</i> 3.1.4					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 4				
			<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i> SULTAN, Alain		SOURCE COM
			<i>G: yes U:</i>	<i>MCC:</i> SULTAN, Alain		
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 03.03</b>	<b>Numbering, Addressing and Identification</b>					
Ph1	<i>current version:</i> 3.6.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 6 . 0				
			<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick		VODAFONE Group Plc
			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
<b>TS 03.04</b>	<b>Signalling Requirements Relating to Routing of Calls to Mobile Subscribers</b>					
Ph1	<i>current version:</i> 3.1.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 0				
			<i>WG (prime / other):</i> N4 / SPA N / T2	<i>rapporteur:</i> KYMALAINEN, Kimmo		SONERA Corporation
			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TR 03.05</b>	<b>Technical performance objectives</b>					
Ph1	<i>current version:</i> 3.2.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 2 . 0				
			<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat
			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
<b>TS 03.07</b>	<b>Restoration Procedures</b>					
Ph1	<i>current version:</i> 3.2.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 2 . 1				
			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David		VODAFONE LTD
			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 723

02 December 2002 20:53:44

Server ACTIVE specs Ph1 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.08</b>	<b>Organization of Subscriber Data</b>					
Ph1	<i>current version:</i> 3.7.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3	.	7	.	0
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
<b>TS 03.09</b>	<b>Handover Procedures</b>					
Ph1	<i>current version:</i> 3.2.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3	.	2	.	1
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
<b>TS 03.10</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>					
Ph1	<i>current version:</i> 3.3.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3	.	3	.	0
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
<b>TS 03.11</b>	<b>Technical Realization of Supplementary Services - General Aspects</b>					
Ph1	<i>current version:</i> 3.1.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3	.	1	.	1
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.
<hr/>						
<b>TS 03.12</b>	<b>Location Registration Procedures</b>					
Ph1	<i>current version:</i> 3.3.0					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3	.	3	.	0
				<a href="#">get it</a>	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 724

02 December 2002 20:53:44

Server ACTIVE specs Ph1 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.13</b>	<b>Discontinuous Reception (DRX) in the GSM System</b>					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 2	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 03.14</b>	<b>Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System</b>					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 2	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 03.20</b>	<b>Security-related Network Functions</b>					
Ph1	<i>current version:</i> 3.3.2	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> NGUYEN NGOC,	France Telecom		
	<i>freeze_meeting:</i>	GP	Sebastien			
	<i>history (event, available, version,</i>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 3 . 2	<a href="#">get it</a>	<i>remarks - this release:</i> .			
<hr/>						
<b>TS 03.40</b>	<b>Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)</b>					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-08 3 . 6 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	smg-09 01/01/1995 3 . 7 . 0		<i>remarks - this release:</i>			
<hr/>						
<b>TS 03.41</b>	<b>Technical Realization of Short Message Service Cell Broadcast (SMSCB)</b>					
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 4 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 725

02 December 2002 20:53:44

Server ACTIVE specs Ph1 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.43</b>	<b>Support of Videotex</b>								
Ph1	current version: 3.0.1			WG (prime / other): T2 / -	rapporteur: DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	freeze_meeting:			G: yes U:	MCC: RODERMUND, Friedhelm				
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 0 . 1						<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>									
<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
Ph1	current version: 3.0.1			WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH			
	freeze_meeting:			G: yes U:	MCC: RODERMUND, Friedhelm				
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 0 . 1						<a href="#">get it</a>	remarks - general: remarks - this release: .
<hr/>									
<b>TS 03.45</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
Ph1	current version: 3.3.0			WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-05	3 . 2 . 0							remarks - general:
	ETSI publication 01/01/1995	3 . 3 . 0	exists in PDF only					<a href="#">get it</a>	remarks - this release:
<hr/>									
<b>TS 03.46</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
Ph1	current version: 3.2.1			WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 2 . 1						<a href="#">get it</a>	remarks - general: remarks - this release:
<hr/>									
<b>TS 03.48</b>	<b>Security mechanisms for SIM application toolkit; Stage 2</b>								
Ph1	current version: 3.0.1			WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting:			G: yes U:	MCC: DIETZE, Claus				
	history (event, available, version,								
	09/10/1997	3 . 0 . 1						<a href="#">get it</a>	remarks - general: SMG9->T3@#31 remarks - this release: .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 726

02 December 2002 20:53:45

Server ACTIVE specs Ph1 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.50</b>	<b>Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System</b>				
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i>	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 4 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #4: 3.2.2 #8: 3.3.0 #11: 3.4.0		
<hr/>					
<b>TS 03.70</b>	<b>Routeing of Calls to/from Public Data Networks (PDN)</b>				
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i>	G: yes U:	MCC: BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> N3: "no R99 needed".		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i>	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 2 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 03.88</b>	<b>Call Barring (CB) supplementary services; Stage 2</b>				
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i>	G: yes U:	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 2 . 1	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

---

Ph1 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 727

02 December 2002 20:53:45

Server ACTIVE specs Ph1 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles**  
Ph1 *current version:* 3.0.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration**  
Ph1 *current version:* 3.0.2 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities**  
Ph1 *current version:* 3.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 3 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 04.04 Layer 1 - General Requirements**  
Ph1 *current version:* 3.3.4 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
ETSI publication 01/01/1995 0 . 0 . 0  
3 . 3 . 4 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 04.05 Data Link (DL) Layer General Aspects**  
Ph1 *current version:* 3.1.5 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 5 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 728

02 December 2002 20:53:45

Server ACTIVE specs Ph1 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.06</b>	<b>Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification</b>					
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i>		Peter Skov			
	<i>history (event, available, version,</i>	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	ETSI publication 01/01/1995 3 . 9 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 04.07</b>	<b>Mobile Radio Interface Signalling Layer 3 - General Aspects</b>					
Ph1	<i>current version:</i> 3.3.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 3 . 3					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 04.08</b>	<b>Mobile radio interface layer 3 specification</b>					
Ph1	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 13 . 0					
	ETSI publication 15/09/1997 3 . 14 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert			
		<a href="#">get it</a>	<i>remarks - this release:</i> . Thomasen (even numbered CRs!)			
<hr/>						
<b>TS 04.10</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects</b>					
Ph1	<i>current version:</i> 3.2.3	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i>		Peter Skov			
	<i>history (event, available, version,</i>	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	ETSI publication 01/01/1995 3 . 2 . 3					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<b>TS 04.11</b>	<b>Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface</b>					
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation		
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 3 . 0					
		<a href="#">get it</a>	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #5:3.3.0			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 729

02 December 2002 20:53:45

Server ACTIVE specs Ph1 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.12</b>	<b>Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface</b>						
Ph1	current version: 3.2.1	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:	G: yes U:	Peter Skov				
	history (event, available, version,		MCC: THOMASEN, Gert				
	ETSI publication 01/01/1995 3 . 2 . 1	<a href="#">get it</a>	remarks - general:				
			remarks - this release: .				
<hr/>							
<b>TS 04.21</b>	<b>Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface</b>						
Ph1	current version: 3.4.0	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,						
	ETSI publication 01/01/1995 3 . 4 . 0	<a href="#">get it</a>	remarks - general:				
			remarks - this release: .				
<hr/>							
<b>TS 04.22</b>	<b>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</b>						
Ph1	current version: <b>Switching Centre (BSS - MSC) interface</b>	3.7.0	WG (prime / other): N3	/-	rapporteur: KLEHN, Norbert		
SIEMENS AG	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,						
	ETSI publication 01/01/1995 3 . 7 . 0	<a href="#">get it</a>	remarks - general:				
			remarks - this release: .				
<hr/>							
<b>TS 04.80</b>	<b>Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding</b>						
Ph1	current version: 3.2.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,						
	ETSI publication 01/01/1995 3 . 2 . 0	<a href="#">get it</a>	remarks - general:				
			remarks - this release: .				
<hr/>							
<b>TS 04.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 3</b>						
Ph1	current version: 3.1.3	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,						
	ETSI publication 01/01/1995 3 . 1 . 3	<a href="#">get it</a>	remarks - general:				
			remarks - this release: .				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 730

02 December 2002 20:53:45

Server ACTIVE specs Ph1 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.88 Call Barring (CB) Supplementary Services; Stage 3**

Ph1 *current version:* 3.1.3  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 1 . 3

*WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

Ph1 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.01 Physical Layer on the Radio Path (General Description)**

Ph1 *current version:* 3.3.2  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 3 . 2

*WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

**TS 05.02 Multiplexing and Multiple Access on the Radio Path**

Ph1 *current version:* 3.8.0  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-15 3 . 7 . 0  
smg-16 01/01/1995 3 . 8 . 0

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:*

---

---

**TS 05.03 Channel coding**

Ph1 *current version:* 3.6.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 6 . 1

*WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* #12: 3.6.1

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 731

02 December 2002 20:53:46

Server ACTIVE specs Ph1 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

<b>TS 05.04</b>	<b>Modulation</b>					
Ph1	current version: 3.1.2		WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist		NOKIA Corporation
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 1 . 2				
			<a href="#">get it</a>	remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 05.05</b>	<b>Radio Transmission and Reception</b>					
Ph1	current version: 3.16.0		WG (prime / other): G1 / -	rapporteur: SAMUELSSON, Mats		
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	smg-04	3 . 14 . 0				
	smg-06b	3 . 15 . 0				
	ETSI publication 01/01/1995	3 . 16 . 0				
			<a href="#">get it</a>	remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 05.08</b>	<b>Radio Subsystem Link Control</b>					
Ph1	current version: 3.8.0		WG (prime / other): G1 / -	rapporteur: EL-SAIGH, Amer		VODAFONE Group Plc
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 8 . 0				
			<a href="#">get it</a>	remarks - general:		
				remarks - this release:		
<hr/>						
<b>TS 05.10</b>	<b>Radio subsystem synchronization</b>					
Ph1	current version: 3.5.1		WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri		NOKIA MOBILE PHONES
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	smg-04 01/01/1995	3 . 5 . 1				
			<a href="#">get it</a>	remarks - general:		
				remarks - this release:		

---

---

Ph1

06 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 732

02 December 2002 20:53:46

Server ACTIVE specs Ph1 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

<b>TS 06.01</b>	<b>Full Rate Speech Processing Functions</b>					
Ph1	current version: 3.0.0	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 06.10</b>	<b>Full Rate Speech Transcoding</b>					
Ph1	current version: 3.2.0	WG (prime / other): S4 / -	rapporteur: LORENZ, Dietmar	PHILIPS Semiconductors		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 2 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 06.11</b>	<b>Substitution and Muting of Lost Frames for Full Rate Speech Channels</b>					
Ph1	current version: 3.0.1	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 06.12</b>	<b>Comfort Noise Aspects for Full Rate Speech Traffic Channels</b>					
Ph1	current version: 3.0.1	WG (prime / other): S4 / -	rapporteur: SERENO, Daniele	TELECOM ITALIA S.p.A.		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			
<hr/>						
<b>TS 06.31</b>	<b>Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels</b>					
Ph1	current version: 3.1.0	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 1 . 0	<a href="#">get it</a>	remarks - general:			
			remarks - this release: .			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 733

02 December 2002 20:53:46

Server ACTIVE specs Ph1 06 .- series  
[http://www.3gpp.org/ftp/Specs/archive/06\\_series](http://www.3gpp.org/ftp/Specs/archive/06_series)

---

**TS 06.32 Voice Activity Detection (VAD)**  
Ph1 *current version:* 3.0.0 *freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

Ph1 **07** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)**  
Ph1 *current version:* 3.14.0 *freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 14 . 0

*WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*G: yes U:* *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
*remarks - this release:*

---

---

**TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities**  
Ph1 *current version:* 3.8.0 *freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 8 . 0

*WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*G: yes U:* *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
*remarks - this release:* #2: 3.8.0

---

---

**TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities**  
Ph1 *current version:* 3.4.0 *freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 4 . 0

*WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*G: yes U:* *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*  
*remarks - this release:* #5: 3.4.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 734

02 December 2002 20:53:46

Server ACTIVE specs Ph1 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

Ph1 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.01</b>	<b>General Aspects on the BSS-MSC Interface</b>				
Ph1	current version: 3.0.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: .
<hr/>					
<b>TS 08.02</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles</b>				
Ph1	current version: 3.3.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 1	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: .
<hr/>					
<b>TS 08.04</b>	<b>Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification</b>				
Ph1	current version: 3.0.3 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 3	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: .
<hr/>					
<b>TS 08.06</b>	<b>Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface</b>				
Ph1	current version: 3.5.2 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 5 . 2	G: yes U:	MCC: THOMASEN, Gert		<a href="#">get it</a> remarks - general: remarks - this release: .

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 735

02 December 2002 20:53:46

Server ACTIVE specs Ph1 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification**  
Ph1 *current version:* 3.10.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*  
ETSI publication 01/01/1995 3 . 10 . 1 [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:* G: yes U: MCC: BOSWARTHICK, David  
*history (event, available, version,*  
ETSI publication 01/01/1995 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 MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 08.52 Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface - Interface Principles**  
Ph1 *current version:* 3.0.2 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
ETSI publication 01/01/1995 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 MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*  
*remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 736

02 December 2002 20:53:47

Server ACTIVE specs Ph1 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.56</b>	<b>BSC-BTS Layer 2; Specification</b>				
Ph1	current version: 3.1.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 1	<a href="#">get it</a>	remarks - general:		
			remarks - this release: .		
<hr/>					
<b>TS 08.58</b>	<b>Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification</b>				
Ph1	current version: 3.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	remarks - general:		
	ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	remarks - this release: #10: 3.6.0		
	smg-10 01/01/1995 3 . 6 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 08.59</b>	<b>BSC-BTS O&amp;M Signalling Transport</b>				
Ph1	current version: 3.1.0	WG (prime / other): G3 / -	rapporteur: VACANT,		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 0	<a href="#">get it</a>	remarks - general:		
			remarks - this release: .		
<hr/>					
<b>TS 08.60</b>	<b>In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels</b>				
Ph1	current version: 3.3.1	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 1	<a href="#">get it</a>	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](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 737

02 December 2002 20:53:47

Server ACTIVE specs Ph1 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TR 09.01</b>	<b>General Network Interworking Scenarios</b>					
Ph1	current version: 3.0.1	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	remarks - general:			
			remarks - this release:			
<hr/>						
<b>TS 09.02</b>	<b>Mobile Application Part (MAP) Specification</b>					
Ph1	current version: 3.11.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 0 . 0	<a href="#">get it</a>	remarks - general: CN->N4 Apr00 (JMM)			
	ETSI publication 01/01/1995 3 . 11 . 0	<a href="#">get it</a>	remarks - this release:			
<hr/>						
<b>TS 09.03</b>	<b>Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile</b>					
Ph1	current version: Network (PLMN)	3.0.1	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David		
	ETSI Secretariat					
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	remarks - general: N3: "no R99 needed".			
			remarks - this release:			
<hr/>						
<b>TS 09.04</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>					
Ph1	current version: 3.0.1	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 0 . 1	<a href="#">get it</a>	remarks - general: N3: "no R99 needed".			
			remarks - this release:			
<hr/>						
<b>TS 09.05</b>	<b>Interworking between the PLMN and the PSPDN for PAD Access</b>					
Ph1	current version: 3.2.2	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	ETSI publication 01/01/1995 3 . 2 . 2	<a href="#">get it</a>	remarks - general: N3: "no R99 needed".			
			remarks - this release:			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 738

02 December 2002 20:53:47

Server ACTIVE specs Ph1 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>								
Ph1	<i>current version:</i> Network (PSTN)	3.10.0	<i>WG (prime / other):</i>	N3	/-	<i>rappporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	ETSI publication	01/01/1995	3	.	10	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> #5: 3.8.0 #9: 3.9.0 #14: 3.10.0
<hr/>									
<b>TS 09.09</b>	<b>Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN</b>								
Ph1	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i>	N4	/-	<i>rappporteur:</i>	VAINIKKA, Jari	NOKIA Corporation	
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	First complete	01/01/1992	1	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
<b>TS 09.10</b>	<b>Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling</b>								
Ph1	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i>	N4	/-	<i>rappporteur:</i>	KYMALAINEN, Kimmo		
SONERA Corporation									
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	ETSI publication	01/01/1995	3	.	0	.	0	<a href="#">get it</a>	<i>remarks - general:</i>
	ETSI publication	01/01/1995	3	.	0	.	2	<a href="#">get it</a>	<i>remarks - this release:</i> .
<hr/>									
<b>TS 09.11</b>	<b>Signalling Interworking for Supplementary Services</b>								
Ph1	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i>	N4	/-	<i>rappporteur:</i>	WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	ETSI publication	01/01/1995	3	.	0	.	1	<a href="#">get it</a>	<i>remarks - general:</i>
									<i>remarks - this release:</i> .

---

---

Ph1 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 739

02 December 2002 20:53:47

Server ACTIVE specs Ph1 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10 Mobile Station Conformity Specification

Ph1  
current version: 3.23.1  
freeze\_meeting:

WG (prime / other): G4 / S1 / rapporteur: LEGRAND, Walter EADS/DSN  
G5 /  
NP /  
T2 /  
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

First complete	01/01/1992	1	.	0	.	0
smg-02		3	.	8	.	0
smg-03		3	.	9	.	0
smg-04bis		3	.	10	.	0
smg-05		3	.	11	.	0
smg-06		3	.	12	.	0
smg-07		3	.	13	.	0
SMG-08		3	.	14	.	0
smg-28	01/01/1996	3	.	14	.	0
smg-08	07/06/1996	3	.	15	.	0
smg-09	07/06/1996	3	.	16	.	0
smg-10	02/09/1996	3	.	17	.	0
smg-11	02/09/1996	3	.	18	.	0
smg-12	02/09/1996	3	.	19	.	0
smg-13	28/06/1996	3	.	20	.	0
smg-15		3	.	21	.	0
smg-16	01/01/1996	3	.	22	.	0
smg-20	16/10/1996	3	.	23	.	0
ETSI publication	30/12/1996	3	.	23	.	1

[get it](#) remarks - general:  
remarks - this release:

## TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1  
current version: 3.16.0  
freeze\_meeting:

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.  
G: yes U: MCC: DIETZE, Claus

history (event, available, version,

ETSI publication	01/01/1995	3	.	3	.	3
ETSI publication	01/01/1995	3	.	16	.	0

[get it](#) remarks - general:  
[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 740

02 December 2002 20:53:48

Server ACTIVE specs Ph1 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.30 Mobile Services Switching Centre**

Ph1 *current version:* 3.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 1

*WG (prime / other):* GP / - *rapporteur:* VACANT,  
*G: yes U:* MCC: USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 11.31 Home Location Register Specification**

Ph1 *current version:* 3.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 1

*WG (prime / other):* GP / - *rapporteur:*  
*G: yes U:* MCC: USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 11.32 Visitor Location Register Specification**

Ph1 *current version:* 3.2.1  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1995 3 . 2 . 1

*WG (prime / other):* GP / - *rapporteur:*  
*G: yes U:* MCC: USAI, Paolino

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

**TS 11.40 DCS 1800 System Simulator Conformity Specification**

Ph1 *current version:* 3.7.0  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 01/01/1996 3 . 3 . 0  
smg-02 3 . 6 . 0  
smg-11 01/01/1996 3 . 7 . 0

*WG (prime / other):* G4 / - *rapporteur:*  
*G: yes U:* MCC: CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* #2: 3.6.0 #11: 3.7.0  
[get it](#)

---

Ph1 **12** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 741

02 December 2002 20:53:48

Server ACTIVE specs Ph1 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.10 Maintenance Provisions for Operational Integrity of MSs**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*remarks - general:*  
*remarks - this release:* .

---

**TS 12.13 Maintenance of the Mobile -services Switching Centre**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G:* yes *U:* *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*remarks - general:*  
*remarks - this release:* .

---

**TS 12.14 Maintenance of Location Registers**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S5 / *rapporteur:* TRUSS, Michael  
*G:* yes *U:* *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

*remarks - general:*  
*remarks - this release:* .

---

Ph1 **TB** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

---

**TS TBR 5 General Attachment Requirements for GSM Mobile Stations**

Ph1 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* MSG / - *rapporteur:* FREEMAN, David MOTOROLA  
*G:* yes *U:* *MCC:* GUTIERREZ MIGUELEZ, Cesar

*remarks - general:*  
*remarks - this release:* #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 742

02 December 2002 20:53:48

Server ACTIVE specs Ph1 TB .- series  
[http://www.3gpp.org/ftp/Specs/archive/TB\\_series](http://www.3gpp.org/ftp/Specs/archive/TB_series)

---

## TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): MSG / - rapporteur: FREEMAN, David MOTOROLA  
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:  
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

---

---

---



## WITHDRA specs

&lt;?&gt;

&lt;?&gt;

34 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/34\\_series](http://www.3gpp.org/ftp/Specs/archive/34_series)

TR 34.801 (reserved for T1 RF group)  
<?> current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): T1 / rapporteur: ,  
G: U: yes MCC: SALMERON, Lidia

remarks - general: 2002-09-16: -> 34.901.  
remarks - this release: .

## Rel-6

Rel-6

22 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

TR 22.940 IP Multimedia Subsystem (IMS) messaging; Stage 1  
Rel-6 current version: none  
freeze\_meeting:  
history (event, available, version,  
draft 26/03/2002 0 . 0 . 0  
draft 19/07/2002 0 . 1 . 0  
SP-16 19/07/2002 0 . 2 . 0  
SP-17 16/09/2002 1 . 0 . 0 SP-020567

WG (prime / other): S1 / rapporteur: KALLIOKULJU, Juha NOKIA MOBILE PHONES  
G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18.  
[get it](#) remarks - this release: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18.  
[get it](#)  
[get it](#)

# 3GPP specification status

Page 744

02 December 2002 20:53:48

Server WITHDRAWN specs Rel-6 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

Rel-6 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

**TS 23.246 Multimedia Broadcast/Multicast Service (MBMS); Stage 2**

Rel-6 *current version:* none  
*freeze\_meeting:*

*history (event, available, version, draft 14/11/2002 0 . 1 . 0*

*WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Limited  
*G:* *U:* yes *MCC:* SULTAN, Alain

[get it](#) *remarks - general:* Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in  
*remarks - this release:* .

**TS 23.340 (reserved for: "IP Multimedia Subsystem (IMS) messaging; Stage 2")**

Rel-6 *current version:* none  
*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* S2 / *rapporteur:* ,  
*G:* *U:* yes *MCC:* SULTAN, Alain

*remarks - general:*  
*remarks - this release:* .

Rel-6 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

**TS 27.150 (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")**

Rel-6 *current version:* none  
*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* T2 / - *rapporteur:* MUDGE, John VODAFONE Group Plc  
*G:* *U:* yes *MCC:* RODERMUND, Friedhelm

*remarks - general:* Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional  
*remarks - this release:* provisional

Rel-6 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 745

02 December 2002 20:53:48

Server WITHDRAWN specs Rel-6 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.108 Telecommunication management; Subscriber and equipment trace**

Rel-6 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,  
*remarks - this release:* SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be 32..42x  
published. Replace with 32.411, 32..42x and 52.008.

and 52.008.

---

Rel-6 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](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  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S3 / *rapporteur:* POPE, Maurice  
*G:* *U:* yes *MCC:*

*remarks - general:* WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not  
*remarks - this release:* . to publish, so -> 33.810.

---

Rel-6 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

---

**TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS**

Rel-6 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*

*WG (prime / other):* G1 / *rapporteur:* GROSS, Robert TruePosition Inc.  
*G:* yes *U:* *MCC:* USAI, Paolino

*remarks - general:* Renumbered to 45.811.  
*remarks - this release:* Renumbered to 45.811.

---

Rel-6 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 746

02 December 2002 20:53:48

Server WITHDRAWN specs Rel-6 42 .- series  
[http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

## TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-6  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): T3 / -  
G: yes U:

rapporteur: DIETRICH, Christian  
MCC: DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.  
remarks - this release: TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102

Rel-6 45 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/45\\_series](http://www.3gpp.org/ftp/Specs/archive/45_series)

## TS 45.202 reserved for radio spec "Flexible layer 1" based on 45.902

Rel-6  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): G1 / -  
G: yes U:

rapporteur: SÉBIRE, Benoist  
MCC: USAI, Paolino

NOKIA Corporation

remarks - general:  
remarks - this release: .

Rel-6 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

## TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-6  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): N1 / -  
G: yes U:

rapporteur: ANDERSEN, Niels  
Peter Skov  
MCC: JORGENSEN, Per Johan

MOTOROLA A/S

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to  
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994  
handling both "GSM" and "UMTS" problems.

G = required in systems with GERAN acces; U = required in systems with UMTS

## Rel-5

Rel-5 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<p><b>TS 22.141 Presence service; Stage 1</b>                  Rel-5 <i>current version:</i> none  <i>freeze_meeting:</i> SP-15  <i>history (event, available, version,</i>                  SP-12 27/06/2001 1 . 0 . 0 SP-010364 (replaces SP-010265) <a href="#">get it</a>                  SP-13 01/10/2001 2 . 0 . 0 SP-010444 <a href="#">get it</a>                  SP-13 05/10/2001 5 . 0 . 0 <a href="#">get it</a>                  SP-14 10/01/2002 5 . 1 . 0 <a href="#">get it</a>                  SP-15 28/03/2002 5 . 2 . 0 TP-16: moved to Rel-6 <a href="#">get it</a></p>	<p><i>WG (prime / other):</i> S1 / - <i>rapporteur:</i> WOHLERT, Randolph SBC Communications Inc.  <i>G:</i> U: yes <i>MCC:</i> CLAYTON, Michael</p>	<p><i>remarks - general:</i>  <i>remarks - this release:</i> SP-16: moved to Rel-6</p>
<p><b>TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1</b>                  Rel-5 <i>current version:</i> none  <i>freeze_meeting:</i> SP-15  <i>history (event, available, version,</i>                  SP-13 01/10/2001 2 . 0 . 0 SP-010443 <a href="#">get it</a>                  SP-13 05/10/2001 5 . 0 . 0 <a href="#">get it</a>                  SP-14 10/01/2002 5 . 1 . 0 <a href="#">get it</a>                  SP-15 28/03/2002 5 . 2 . 0 SP-16: withdrawn. <a href="#">get it</a></p>	<p><i>WG (prime / other):</i> S1 / <i>rapporteur:</i> JARVIS, Andre Hutchison 3G UK Limited  <i>G:</i> U: yes <i>MCC:</i> CLAYTON, Michael</p>	<p><i>remarks - general:</i> Replaces 22.946. Note that stage 2 is 23.246.  <i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.</p>
<p><b>TS 22.174 Push service; Stage 1</b>                  Rel-5 <i>current version:</i> none  <i>freeze_meeting:</i> SP-15  <i>history (event, available, version,</i></p>	<p><i>WG (prime / other):</i> S1 / <i>rapporteur:</i> WOLAK, Stephen VODAFONE Group Plc  <i>G:</i> yes U: yes <i>MCC:</i> CLAYTON, Michael</p>	<p><i>remarks - general:</i>  <i>remarks - this release:</i> SP-15: Timed out of Rel-5.</p>
<p><b>TS 22.240 Service requirements for 3GPP Generic User Profile (GUP); Stage 1</b>                  Rel-5 <i>current version:</i> none  <i>freeze_meeting:</i> SP-15  <i>history (event, available, version,</i>                  draft 0 . 5 . 0 S1-020186                  SP-17 16/09/2002 1 . 0 . 0 SP-020568 <a href="#">get it</a></p>	<p><i>WG (prime / other):</i> S1 / <i>rapporteur:</i> AMERY, Paul ORANGE PCS LTD  <i>G:</i> U: yes <i>MCC:</i> CLAYTON, Michael</p>	<p><i>remarks - general:</i> Cf work item 'Generic user profile'  <i>remarks - this release:</i> SP-15: Delayed to Rel-6</p>

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 748

02 December 2002 20:53:49

Server WITHDRAWN specs Rel-5 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.243 Speech recognition framework for automated voice services; Stage 1

Rel-5 *current version: none* WG (prime / other): S1 / rapporteur: WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.  
*freeze\_meeting: SP-15* G: yes U: yes MCC: CLAYTON, Michael  
*history (event, available, version,*  
S1 draft 0 . 0 . 2 *remarks - general:*  
SP-14 02/01/2002 1 . 0 . 0 SP-010680 [get it](#) *remarks - this release:* SP-15: Delayed to Rel-6.

## TR 22.946 Broadcast and multicast services

Rel-5 *current version: none* WG (prime / other): S1 / rapporteur: ,  
*freeze\_meeting: SP-15* G: U: yes MCC: CLAYTON, Michael  
*history (event, available, version,*  
SP-12 27/06/2001 1 . 0 . 0 SP-010267 [get it](#) *remarks - general:* Replaced by 22.146.  
*remarks - this release:* To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

Rel-5 23 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](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* WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation  
*freeze\_meeting: NP-15* G: yes U: yes MCC: KYMALAINEN, Kimmo  
*history (event, available, version,*  
*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* WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*freeze\_meeting: SP-15* G: yes U: yes MCC: SULTAN, Alain  
*history (event, available, version,*  
SP-09 5 . 0 . 0 *remarks - general:*  
*remarks - this release:* Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 749

02 December 2002 20:53:49

Server WITHDRAWN specs Rel-5 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

<b>TS 23.174</b>	<b>Push service; stage 2</b>				
Rel-5	<i>current version: none</i>				
	<i>freeze_meeting: NP-15</i>				
	<i>history (event, available, version,</i>				
	case ...".				
		<i>WG (prime / other): S2 /</i>	<i>rapporteur: WOLAK, Stephen</i>		VODAFONE Group Plc
		<i>G: U: yes</i>	<i>MCC: SULTAN, Alain</i>		
			<i>remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is</i>		
			<i>remarks - this release: SP-17: Rel-5 -&gt; Rel-6 to accord with stage 1. good to reserve the number just in</i>		
<b>TS 23.178</b>	<b>Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2</b>				
Rel-5	<i>current version: none</i>				
	<i>freeze_meeting: NP-15</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other): N2 / -</i>	<i>rapporteur: HOMANN, Christian</i>		ALCATEL SEL AG
		<i>G: yes U: yes</i>	<i>MCC: JURISIC, Andrijana</i>		
			<i>remarks - general: 2001-10-26: renumbered to 23.278.</i>		
			<i>remarks - this release: 2001-10-26: renumbered to 23.278.</i>		
<b>TS 23.241</b>	<b>3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework</b>				
Rel-5	<i>current version: none</i>				
	<i>freeze_meeting: TP-15</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other): T2 /</i>	<i>rapporteur: HOLOUBEK, Kevin J.</i>		Motorola Inc.
		<i>G: U: yes</i>	<i>MCC: RODERMUND, Friedhelm</i>		
			<i>remarks - general: Cf work item 'Generic user profile'</i>		
			<i>remarks - this release: TP-15: Delayed to Rel-6.</i>		
<b>TS 23.246</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 2</b>				
Rel-5	<i>current version: none</i>				
	<i>freeze_meeting: SP-15</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other): S2 /</i>	<i>rapporteur: JARVIS, Andre</i>		Hutchison 3G UK Limited
		<i>G: U: yes</i>	<i>MCC: SULTAN, Alain</i>		
			<i>remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in</i>		
			<i>remarks - this release: SP-15: To be a Rel-6 service, not Rel-5.</i>		
<b>TR 23.841</b>	<b>Presence service architecture</b>				
Rel-5	<i>current version: none</i>				
	<i>freeze_meeting: SP-15</i>				
	<i>history (event, available, version,</i>				
	draft 21/01/2002 0 . 3 . 0		<a href="#">get it</a>	<i>remarks - general:</i>	
	draft 0 . 5 . 0			<i>remarks - this release: -&gt; Rel-6</i>	
	SP-15 19/03/2002 1 . 0 . 0 SP-020156		<a href="#">get it</a>		
	S2-24 1 . 1 . 0				

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 750

02 December 2002 20:53:49

Server WITHDRAWN specs Rel-5 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TR 23.846</b>	<b>Multimedia Broadcast/Multicast Service (MBMS); Stage 2</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	draft 03/01/2002	0	. 0	. 1	<a href="#">get it</a>	<i>remarks - general:</i> This is a preparatory report which may result in the creation of a stage 2 TS			
	S2-22 22/01/2002	0	. 1	. 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5.			
	draft 19/03/2002	0	. 2	. 0	<a href="#">get it</a>				

---

<b>TR 23.908</b>	<b>Technical report on Pre-Paging</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation			
	<i>freeze_meeting:</i> NP-15			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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.			

---

<b>TR 23.909</b>	<b>Technical report on the Gateway Location Register</b>								
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,</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.			

---

<b>TR 23.911</b>	<b>Technical report on Out-of-band transcoder control</b>								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation			
	<i>freeze_meeting:</i> NP-15			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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.			

---

<b>TR 23.912</b>	<b>Technical report on Super-Charger</b>								
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,</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 GERANaccess; U = required in systems with UMTS



# 3GPP specification status

Page 751

02 December 2002 20:53:49

Server WITHDRAWN specs Rel-5 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TR 23.915</b>	<b>Charging implications of IMS architecture</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i> 2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!
					<i>remarks - this release:</i> .

---

<b>TR 23.974</b>	<b>Support of push service</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UDA, Nobuyuki	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>				
	SP-13 01/10/2001 2 . 0 . 0 SP-010508 - approved as 23.875	<a href="#">get it</a>	<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](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

<b>TS 24.241</b>	<b>3GPP generic user profile requirements; Stage 3; Access; Common objects</b>				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.	
	<i>freeze_meeting:</i> TP-16	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Cf work item 'Generic user profile' - may be renumbered to 27.241		
			<i>remarks - this release:</i> 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.		

---

---

Rel-5 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 752

02 December 2002 20:53:49

Server WITHDRAWN specs Rel-5 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.855</b>	<b>High Speed Downlink Packet Access (HSDPA); Overall UTRAN description</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	R2 /	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-12 19/06/2001	1 . 0 . 0	RP-010345	<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-13 01/10/2001	2 . 0 . 0	RP-010562	<a href="#">get it</a>	<i>remarks - this release:</i>	RP-13: This TR has been replaced by TS 25.308.			
	RP-13 02/10/2001	5 . 0 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.861</b>	<b>RNC - SMLC location protocol</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	R2 /	<i>rapporteur:</i>	MIKOLA, Juha	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	RP-15: abandoned in favour of directly writing the stage 3 spec.			
					<i>remarks - this release:</i>	RP-15: abandoned in favour of directly writing the stage 3 spec.			
<hr/>									
<b>TR 25.885</b>	<b>UMTS 1800 / 1900 MHz work items report</b>								
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,</i>								
	RP-13 01/10/2001	1 . 0 . 0	RP-010672. RP-17: withdrawn.	<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	RP-17: withdrawn.			
<hr/>									
<b>TR 25.886</b>	<b>Small technical enhancements and improvements work item</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	R4 /	<i>rapporteur:</i>					
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i>	RP-17: withdrawn.			
<hr/>									
<b>TR 25.887</b>	<b>Beamforming</b>								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	R1 / -	<i>rapporteur:</i>	KAHTAVA, Jussi	Nokia Japan Co. Ltd			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	R1-22	0 . 0 . 1	R1-011342		<i>remarks - general:</i>				
	RP-14 07/12/2001	1 . 0 . 0	RP-010800	<a href="#">get it</a>	<i>remarks - this release:</i>	RP-15: Deferred to Rel-6.			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 753

02 December 2002 20:53:50

Server WITHDRAWN specs Rel-5 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

Rel-5 **27** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

## TS 27.226 Global Text telephony (GTT); Terminal aspects

Rel-5 *current version:* none  
*freeze\_meeting:* TP-15  
*history (event, available, version,*

*WG (prime / other):* T2 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

*remarks - general:* SP-16: to "GERAN" set.  
*remarks - this release:* WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

Rel-5 **29** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.163 Interworking between the IM CN subsystem and CS networks

Rel-5 *current version:* none  
*freeze\_meeting:* NP-18  
*history (event, available, version,*

*WG (prime / other):* N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc  
*G:* yes *U:* yes *MCC:* BOSWARTHICK, David

N3-16 0 . 0 . 0

N3-17 01/06/2001 0 . 1 . 0

N3-010185, N3-010199, N3-010201 and [get it](#)

*remarks - general:*

*remarks - this release:* NP-16: shifted to Rel-6.

N3-18 0 . 2 . 0 N3-010312, N3-010315

N3-19 09/11/2001 0 . 3 . 0 N3-010462, N3-010427

[get it](#)

NP-14 02/01/2002 1 . 0 . 0 NP-010565

[get it](#)

NP-15 18/02/2002 1 . 2 . 0 NP-020077

[get it](#)

## TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none  
*freeze\_meeting:* NP-15  
*history (event, available, version,*  
NP-16

*WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

5 . 0 . 0 Interim step; not to be produced. See sub-parts.

*remarks - general:*

*remarks - this release:* Split into sub-parts.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 754

02 December 2002 20:53:50

Server WITHDRAWN specs Rel-5 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](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  
*freeze\_meeting:* NP-15  
*history (event, available, version,*

*WG (prime / other):* N5 / *rapporteur:* ,  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*  
*remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

---

## TS 29.198-10 Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF

Rel-5 *current version:* none  
*freeze\_meeting:* NP-15  
*history (event, available, version,*

*WG (prime / other):* N5 / *rapporteur:* ,  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*  
*remarks - this release:* 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

---

## TS 29.203 Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)

Rel-5 *current version:* none  
*freeze\_meeting:* NP-15  
*history (event, available, version,*

*WG (prime / other):* N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd  
*G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:* superseded by 29.903  
*remarks - this release:* . TSG#11:creation; superseded by 29.903

---

## TS 29.226 reserved

Rel-5 *current version:* none  
*freeze\_meeting:* NP-15  
*history (event, available, version,*

*WG (prime / other):* N4 / *rapporteur:* VACANT,  
*G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

*remarks - general:*  
*remarks - this release:* WI approved TSG#7

---

## TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2: INAP

Rel-5 *current version:* none  
*freeze\_meeting:* NP-15  
*history (event, available, version,*

*WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

*remarks - general:*  
*remarks - this release:* SP-14 stopped.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 755

02 December 2002 20:53:50

Server WITHDRAWN specs Rel-5 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

## TS 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version: none* WG (prime / other): N5 / rapporteur: UNMEHOPA, Musa Lucent Technologies Nederland B.V.  
*freeze\_meeting: NP-15* G: U: yes MCC: ZOICAS, Adrian  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release: .*

Rel-5 31 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

## TS 31.115 Secured packet structure for (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - rapporteur: VIALLET, Sophie GEMPLUS Card International  
*freeze\_meeting: TP-16* G: U: yes MCC: DIETZE, Claus  
*history (event, available, version,*  
TP-15 19/03/2002 0 . 0 . 2 TP-020031 [get it](#) *remarks - general:* additional rapporteur: Florence Martin.  
TP-15 19/03/2002 1 . 0 . 0 TP-020075 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

## TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications

Rel-5 *current version: none* WG (prime / other): T3 / - rapporteur: VIALLET, Sophie GEMPLUS Card International  
*freeze\_meeting: TP-16* G: yes U: yes MCC: DIETZE, Claus  
*history (event, available, version,*  
TP-15 19/03/2002 0 . 1 . 0 TP-020032 [get it](#) *remarks - general:* additional rapporteur: Florence Martin  
TP-15 19/03/2002 1 . 0 . 0 TP-020076 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

## TS 31.131 C-language binding for (U)SIM API

Rel-5 *current version: none* WG (prime / other): T3 / rapporteur: TON, Wim ASPECTS Software Ltd  
*freeze\_meeting: TP-16* G: U: yes MCC: DIETZE, Claus  
*history (event, available, version,*  
TP-14 02/01/2002 1 . 0 . 0 TP-010249 [get it](#) *remarks - general:* Test spec is 34.131.  
*remarks - this release:* TP-17: Clear that the spec is Rel-6 not Rel-5.

Rel-5 32 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 756

02 December 2002 20:53:50

Server WITHDRAWN specs Rel-5 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.108</b>	<b>Telecommunication management; Subscriber and equipment trace</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	draft 08/11/2001	0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i> 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,		
	draft 26/02/2002	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: Partial service only. 32..42x and 52.008.		

---

<b>TS 32.112</b>	<b>Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
				<i>remarks - this release:</i> .		

---

<b>TS 32.113</b>	<b>Telecommunication management; Fault Management; Alarm Integration Reference Point: CORBA solution set version 1:1</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
				<i>remarks - this release:</i> .		

---

<b>TS 32.114</b>	<b>Telecommunication management; Fault Management; Alarm Integration Reference Point: CMIP solution set</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
				<i>remarks - this release:</i> .		

---

<b>TS 32.140</b>	<b>Telecommunication management; Services operations management; Subscription management requirements</b>					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	draft 27/06/2001	0 . 1 . 3	<a href="#">get it</a>	<i>remarks - general:</i>		
	draft 21/01/2002	0 . 5 . 4	<a href="#">get it</a>	<i>remarks - this release:</i> SP-15: move to Rel-6.		
	draft 28/01/2002	0 . 5 . 5	<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 757

02 December 2002 20:53:50

Server WITHDRAWN specs Rel-5 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.312-2</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Information service</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i>	
	<i>freeze_meeting:</i> SP-15	G: U: yes	MCC:	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	-> 32.112
			<i>remarks - this release:</i>	.
<hr/>				
<b>TS 32.681</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC:	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.
<hr/>				
<b>TS 32.682</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC:	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.
<hr/>				
<b>TS 32.683</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC:	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.
<hr/>				
<b>TS 32.684</b>	<b>Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set</b>			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	MCC:	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 758

02 December 2002 20:53:51

Server WITHDRAWN specs Rel-5 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TR 32.801 Performance management**

Rel-5 *current version: none*  
*freeze\_meeting: SP-15*  
*history (event, available, version,*

*WG (prime / other):* S5 / *rapporteur:* KORINEK, Frank Motorola Inc.  
*G:* *U: yes* *MCC:* ZOICAS, Adrian

*remarks - general:* (Release 4/5 Building Block: OAM-PM)  
*remarks - this release:* 2001-08-27: S5 Secretary: no document to be produced.

---

Rel-5 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

**TR 33.800 Principles for Network Domain Security**

Rel-5 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited  
*G:* *U: yes* *MCC:* POPE, Maurice

*remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on  
*remarks - this release:* .2002-06-26: Item abandoned, since seems unlikely any more work will be done on

---

Rel-5 **42** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

---

**TS 42.032 Immediate Service Termination (IST); Service description; Stage 1**

Rel-5 *current version: none*  
*freeze\_meeting: SP-15*  
  
*history (event, available, version,*

*WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One  
*G: yes U:* *MCC:* POPE, Maurice

*remarks - general:* SP-16: withdrawn in favour of 22.032.  
*remarks - this release:* SP-16: withdrawn in favour of 22.032.

---

Rel-5 **43** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 759

02 December 2002 20:53:51

Server WITHDRAWN specs Rel-5 43 .- series  
[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

---

**TS 43.035 Immediate Service Termination (IST); Stage 2**  
Rel-5 *current version: none*  
*freeze\_meeting: SP-15*

WG (prime / other): S3 / - *rapporteur: WRIGHT, Tim* Indicate persons who left Company and wait for new One

G: yes U: *MCC: POPE, Maurice*

*history (event, available, version,*

*remarks - general: SP-16: withdrawn in favour of 23.035.*  
*remarks - this release: SP-16: withdrawn in favour of 23.035.*

---

**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  
*MCC: THOMASEN, Gert*

G: yes U:

*history (event, available, version,*

GP-09		0	.	3	.	0	GP-020733		<a href="#">get it</a>	<i>remarks - general: GP-11: Withdrawn and replaced with 43.130.</i>
GP-09	22/04/2002	0	.	4	.	0	GP-021274			<i>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.</i>
draft	19/07/2002	0	.	5	.	1			<a href="#">get it</a>	
GP-10	19/07/2002	5	.	0	.	0			<a href="#">get it</a>	
GP-11	16/09/2002	5	.	1	.	0	GP-11: withdrawn and technically identical document issued as TS		<a href="#">get it</a>	

---

Rel-5 **49** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**  
Rel-5 *current version: none*  
*freeze\_meeting:*

WG (prime / other): N1 / - *rapporteur: ANDERSEN, Niels MOTOROLA A/S*  
Peter Skov  
*MCC: JORGENSEN, Per Johan*

G: yes U:

*history (event, available, version,*

*remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to*  
*remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994*  
*handling both "GSM" and "UMTS" problems.*

---

Rel-5 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 760

02 December 2002 20:53:51

Server WITHDRAWN specs Rel-5 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

---

**TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM -ME) interface**  
Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.  
*freeze\_meeting:* TP-15 G: yes U: *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".  
*remarks - this release:* TP-16: Rel-5 version withdrawn.

---

---

## Rel-4

Rel-4 22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

**TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1**  
Rel-4 *current version: none* WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
*remarks - general:* Transfer>TSG#4  
*remarks - this release:* TSG#11: Becomes 42.043 for Rel-4 (!).

---

**TS 22.112 USIM toolkit interpreter; Stage 1**  
Rel-4 *current version: none* WG (prime / other): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* DIETZE, Claus  
*history (event, available, version,*  
TP-10 11/01/2001 1 . 0 . 0 [get it](#) *remarks - general:*  
TP-11 09/04/2001 4 . 0 . 0 withdrawn TP-13 [get it](#) *remarks - this release:* TP-13: Rel-4 withdrawn, since stage 2 not ready.

---

**TS 22.227 Service requirements for the Open Service Access (OSA)**  
Rel-4 *current version: none* WG (prime / other): S1 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
*remarks - general:* Clayton Apr-2001: spec not required (see 22.127)  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 761

02 December 2002 20:53:51

Server WITHDRAWN specs Rel-4 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-07 17/03/2000 1 . 0 . 0 SP-000073  
draft 09/05/2000 1 . 4 . 0  
SP-08 28/06/2000 2 . 0 . 0

*WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd  
*G:* *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Created Jan-00  
[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](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,*  
NP-11 04/04/2001 4 . 0 . 0 SP-16: ->43.073 since applies to GERAN systems only.

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.  
*remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

## TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 18/06/2002 4 . 0 . 0 withdrawn

*WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation  
*G:* *U:* yes *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*  
*remarks - this release:* Kall: Apr-2001:Superseded by 23.271 for Rel-4.

## TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-4 *current version:* none  
*freeze\_meeting:* SP-12  
*history (event, available, version,*  
SP-10 31/01/2001 1 . 0 . 0 SP-000594  
draft 01/02/2001 1 . 1 . 0  
draft 26/06/2001 1 . 7 . 3 suspicious version number!  
SP-12 26/06/2001 2 . 0 . 0 S2-011123, SP-010337

*WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.  
*G:* yes *U:* yes *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* SP-12: becomes Rel-5  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 762

02 December 2002 20:53:51

Server WITHDRAWN specs Rel-4 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

## TR 23.814 Separating RR and MM specific parts of the MS Classmark

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, NP-11* 4 . 0 . 0 *doa. Stick at R99.*

*WG (prime / other):* N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited  
*G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan

*remarks - general:* New after TSG#5  
*remarks - this release:* Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

---

## TR 23.913 UMTS Turbo-Charger

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, N1-06 20/08/1999* 0 . 0 . 1  
N1-07 17/09/1999 0 . 0 . 2  
N1-08 29/10/1999 0 . 0 . 3  
revision 15/11/1999 0 . 1 . 0  
revision 30/11/1999 0 . 1 . 1  
NP-06 17/12/1999 1 . 0 . 0  
N1-09 03/12/1999 1 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G:* yes *U:* yes *MCC:* ,

[get it](#) *remarks - general:* New after TSG#5  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

---

## TR 23.922 Architecture for an All IP network

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, SP-11* 4 . 0 . 0 *abandoned July 2001*

*WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK  
*G:* yes *U:* yes *MCC:* SULTAN, Alain

*remarks - general:* TSG#5: 1.0.0  
*remarks - this release:* 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 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version, SP-11* 4 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* HUBBARD, Elisabeth TELIA AB  
*G:* yes *U:* yes *MCC:* SULTAN, Alain

*remarks - general:*  
*remarks - this release:* Sultan Apr-2001: contents out of date, not appropriate for Rel-4.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 763

02 December 2002 20:53:52

Server WITHDRAWN specs Rel-4 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TR 23.972 Circuit switched multimedia telephony**  
Rel-4 *current version:* none *freeze\_meeting:* SP-11  
*history (event, available, version, NP-11 4 . 0 . 0* doa. Stick at R99.

*WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated  
Rouzbeh  
*G:* U: yes *MCC:* JORGENSEN, Per Johan

*remarks - general:* New after TSG#5. Minor title change TSG#7.  
*remarks - this release:* Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

---

Rel-4 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.004 Layer 1 - General Requirements**  
Rel-4 *current version:* none *freeze\_meeting:* SP-11  
*history (event, available, version, GP-04 4 . 0 . 0*

*WG (prime / other):* G2 / - *rapporteur:* THOMAS, Rémi France Telecom  
G: yes U: *MCC:* THOMASEN, Gert

*remarks - general:* Apr-2001: Not required. See 44.004.  
*remarks - this release:* Apr-2001: Not required. See 44.004.

---

**TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface**  
Rel-4 *current version:* none *freeze\_meeting:* SP-11  
*history (event, available, version,*

*WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S  
G: yes U: yes *MCC:* THOMASEN, Gert

*remarks - general:* Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12  
*remarks - this release:* TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should  
have been N2 anyway). Agreed to  
txfer to G2, but still as 24.012.

---

**TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via sate llite access**  
Rel-4 *current version:* none *freeze\_meeting:* SP-11  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
G: U: *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 764

02 December 2002 20:53:52

Server WITHDRAWN specs Rel-4 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TR 24.946 reserved**  
Rel-4 *current version: none*  
*freeze\_meeting: SP-11*  
*history (event, available, version,*

WG (prime / other): / rapporteur: VACANT,  
G: U: yes MCC:

*remarks - general:*  
*remarks - this release:*

---

Rel-4 **25** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TS 25.107 UTRA Repeater; Conformance testing**  
Rel-4 *current version: none*  
*freeze\_meeting: SP-11*  
*history (event, available, version,*  
Start of work 01/08/2000 0 . 0 . 1

WG (prime / other): - / - rapporteur: NILSSON, Martin Indicate persons who left Company and wait for new  
G: U: yes MCC: , One

[get it](#) *remarks - general:* -> 25.143  
*remarks - this release:* Scrapped in favour of 25.143

---

**TS 25.371 LMU signalling**  
Rel-4 *current version: none*  
*freeze\_meeting: SP-07*  
*history (event, available, version,*

WG (prime / other): - / - rapporteur: MOULY, Michel ARGUIN Communications  
G: U: yes MCC: ,

*remarks - general:* Created Jan 00; wdrwn Apr00  
*remarks - this release:* First draft: Jan2000

---

**TR 25.835 Report on hybrid ARQ type II/III**  
Rel-4 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*  
RP-09 16/10/2000 1 . 0 . 0

WG (prime / other): R2 / - rapporteur: SITTE, Armin SIEMENS AG  
G: U: yes MCC: ARZELIER, Claude

[get it](#) *remarks - general:*  
*remarks - this release:* 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 765

02 December 2002 20:53:52

Server WITHDRAWN specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

<b>TR 25.845</b>	<b>FDD RACH and AICH performance requirements</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> VIHRIÄLÄ, Jaakko	NOKIA Corporation				
	<i>freeze_meeting:</i> freeze_meeting:		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
	draft 20/12/2000	0 . 0 . 2		<a href="#">get it</a>	<i>remarks - general:</i>				
	draft 14/05/2001	0 . 0 . 3		<a href="#">get it</a>	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.				
<hr/>									
<b>TR 25.846</b>	<b>CPCH performance</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> 2001-02-13: scrapped				
					<i>remarks - this release:</i> .				
<hr/>									
<b>TR 25.924</b>	<b>Opportunity Driven Multiple Access (ODMA)</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LAW, Alan	VODAFONE LTD				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>								
	RP-03 23/04/1999	0 . 0 . 1		<a href="#">get it</a>	<i>remarks - general:</i>				
	RP-04 23/06/1999	0 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> 2002-01-23: .WG Secretary reports that this is really R99. Watch this space. 2002-02-25 (Van der Veen): No further interest, so spec withdrawn.				
	RP-05 13/10/1999	0 . 2 . 0		<a href="#">get it</a>					
	RP-06 17/12/1999	1 . 0 . 0		<a href="#">get it</a>					
<hr/>									
<b>TR 25.932</b>	<b>Delay budget within the access stratum</b>								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>								
	RP-08 23/06/2000	1 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i> ->25.853 @ TSG#10.				
	RP-09 05/10/2000	1 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> TSG#10:2.0.0; approved renumbered as 25.853.				
	RP-10 22/01/2001	2 . 0 . 0		<a href="#">get it</a>					

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 766

02 December 2002 20:53:52

Server WITHDRAWN specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.933 IP transport in UTRAN

Rel-4 *current version:* none  
*freeze\_meeting:* RP-15

*WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.  
*G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

draft	15/05/2000	0	.	0	.	1	
R3-13	15/06/2000	0	.	1	.	0	
R3-13	15/07/2000	0	.	1	.	1	
RP-09	15/08/2000	0	.	2	.	0	
RP-10	21/12/2000	0	.	4	.	0	RP-000644
RP-11	06/04/2001	1	.	0	.	0	
RP-12	05/07/2001	1	.	1	.	0	RP-010425
RP-13	01/10/2001	1	.	4	.	0	RP-010642
draft	13/11/2001	1	.	4	.	1	to Rel-5
RP-14	06/12/2001	1	.	5	.	0	RP-010876
draft	02/01/2002	1	.	5	.	1	
RP-15	19/03/2002	1	.	7	.	1	RP-020136, withdrawn
RP-15	19/03/2002	2	.	0	.	0	RP-020137

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 25.938 Terminal power saving features

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R3 / - *rapporteur:* CHOI, Sungho Samsung Electronics Ind. Co., Ltd.  
*G:* *U:* yes *MCC:* KRAUSE, Joern

*history (event, available, version,*

draft	15/08/2000	0	.	0	.	1	
draft	05/10/2000	0	.	1	.	0	
RP-10	21/12/2000	0	.	1	.	1	RP-000654
RP-11	06/04/2001	2	.	0	.	0	R3-27: abandoned, confirmed RP-15.

[get it](#) *remarks - general:* R3-27: abandoned.  
[get it](#) *remarks - this release:* RP-15: Withdrawal confirmed.  
[get it](#)  
[get it](#)

## TR 25.951 Base Station classification (FDD)

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11

*WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation  
*G:* *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

*history (event, available, version,*

draft	21/11/2000	0	.	0	.	1	
RP-10	21/12/2000	1	.	0	.	0	RP-000598
RP-13	01/10/2001	1	.	1	.	0	RP-010681

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* 2002-01-24: Gutierrez: moved to Rel-5  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 767

02 December 2002 20:53:52

Server WITHDRAWN specs Rel-4 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.952 Base Station classification (TDD)

Rel-4 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 21/11/2000 0 . 0 . 1  
RP-10 21/12/2000 1 . 0 . 0  
RP-11 10/04/2001 1 . 1 . 0

*WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS  
*G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* -> Rel-5  
[get it](#)

Rel-4 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

## TR 26.078 Results of the AMR noise suppression selection phase

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-11 4 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*G:* *U:* yes *MCC:* USAI, Paolino

*remarks - general:* Replaced by 26.978.  
*remarks - this release:* Replaced by 26.978.

## TS 26.226 Global text telephony (GTT); Transport of text in the voice channel

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-08 23/06/2000 0 . 0 . 0  
SP-09 18/10/2000 0 . 0 . 9  
draft 24/10/2000 0 . 0 . 10  
SP-10 21/12/2000 4 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.  
[get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5  
[get it](#)  
[get it](#)

## TS 26.230 Global text telephony (GTT); Cellular text telephone modem transmitter C-code description

Rel-4 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-10 21/12/2000 4 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute  
*G:* yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.  
*remarks - this release:* TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 768

02 December 2002 20:53:53

Server WITHDRAWN specs Rel-4 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.235 Packet switched conversational multimedia applications; Default codecs**  
Rel-4 *current version: none* WG (prime / other): S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center  
*freeze\_meeting:* SP-11 G: yes U: yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*  
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.  
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)  
SP-11 10/04/2001 4 . 0 . 0 [get it](#)  
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

---

**TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G**  
Rel-4 *current version: none* WG (prime / other): S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* No work, will never appear as 4.0.0 (Usai, Mar 2001)

---

**TR 26.920 Architectural Model for the 3G Transcoders**  
Rel-4 *current version: none* WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 26/04/1999 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.  
*remarks - this release:* .

---

Rel-4 **28** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

---

**TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface**  
Rel-4 *current version: none* WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-11 G: U: yes *MCC:* BOSWARTHICK, David  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* 2001-11-07: Boswarthick: Not required for Rel-4.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 769

02 December 2002 20:53:53

Server WITHDRAWN specs Rel-4 30 .- series  
[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

Rel-4 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

<b>TR 30.801</b>	<b>Overall Project Plan</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	draft 30/07/1999	0	. 1	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	draft 30/08/1999	0	. 2	. 0	<a href="#">get it</a>	<i>remarks - this release:</i> TSG#11: Work stopped.			
	draft 30/09/1999	0	. 3	. 0	<a href="#">get it</a>				
	SP-05 13/10/1999	1	. 0	. 0	<a href="#">get it</a>				
	draft 02/12/1999	1	. 1	. 0	<a href="#">get it</a>				
<b>TR 30.802</b>	<b>Project plan on Bearer Services and QoS</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-09	4	. 0	. 0		<i>remarks - this release:</i> 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.			
<b>TR 30.804</b>	<b>Project plan on GSM/UMTS Interoperation and Mobility Management</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
						<i>remarks - this release:</i> TSG#11: Work stopped.			
<b>TR 30.806</b>	<b>Project plan on Location based services</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	. 0	. 0	<a href="#">get it</a>	<i>remarks - general:</i>			
						<i>remarks - this release:</i> TSG#11: Work stopped.			

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 770

02 December 2002 20:53:53

Server WITHDRAWN specs Rel-4 30 .- series  
[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.808 Project plan on Packet Architecture and Circuit Architecture**

Rel-4 *current version: none*  
*freeze\_meeting: SP-11*  
*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* DROPMANN, Ulrich  
*G:* *U:* yes *MCC:* SULTAN, Alain SIEMENS AG

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#11: Work stopped.

---

**TR 30.810 Project plan on Security**

Rel-4 *current version: none*  
*freeze\_meeting: SP-11*  
*history (event, available, version,*  
SP-05 24/10/1999 1 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* PUDNEY, Chris  
*G:* *U:* yes *MCC:* SULTAN, Alain VODAFONE Group Plc

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#11: Work stopped.

---

**TR 30.812 Project plan on Services and Service platforms**

Rel-4 *current version: none*  
*freeze\_meeting: SP-11*  
*history (event, available, version,*  
SP-05 13/10/1999 1 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:* SCHMERSEL, Rob  
*G:* *U:* yes *MCC:* SULTAN, Alain CELLPOINT SYSTEMS AB

[get it](#) *remarks - general:*  
*remarks - this release:* TSG#11: Work stopped.

---

Rel-4 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

**TR 31.900 SIM/USIM internal and external interworking aspects**

Rel-4 *current version: none*  
*freeze\_meeting: SP-15*  
*history (event, available, version,*  
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains  
valid.

*WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan  
*G:* *U:* yes *MCC:* DIETZE, Claus T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*  
*remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.

---

Rel-4 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 771

02 December 2002 20:53:53

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.104</b>	<b>3G Performance Management</b>									
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>									
	SP-11 28/03/2001	4	. 0	. 0	withdrawn	SP-12	<a href="#">get it</a>	<i>remarks - general:</i>		
								<i>remarks - this release:</i>	SP-12: Split into several specs. 32.401, '402, '403.	
<hr/>										
<b>TS 32.105</b>	<b>3G charging and billing; Stage 2 description</b>									
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KOBYLARZ, Thaddeus	AT&T Corp.				
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>									
	SP-06 17/12/1999	0	. 0	. 1			<a href="#">get it</a>	<i>remarks - general:</i>		
	SP-08 23/06/2000	0	. 0	. 2			<a href="#">get it</a>	<i>remarks - this release:</i>	New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.	
	SP-09 28/09/2000	0	. 0	. 3			<a href="#">get it</a>			
	draft 10/10/2000	0	. 0	. 4	SP-12: Rel-4 withdrawn.		<a href="#">get it</a>			
<hr/>										
<b>TS 32.106-1</b>	<b>Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements</b>									
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>									
	SP-11 28/03/2001	4	. 0	. 0	SP-12: withdrawn.		<a href="#">get it</a>	<i>remarks - general:</i>	SP-08: split into eight parts	
								<i>remarks - this release:</i>	SP-12: withdrawn. See 32.300.	
<hr/>										
<b>TS 32.106-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1</b>									
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated				
	<i>freeze_meeting:</i> SP-12			G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>									
								<i>remarks - general:</i>	TSG#8: split into eight parts	
								<i>remarks - this release:</i>	SP-12: withdrawn.	
<hr/>										
<b>TS 32.106-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1</b>									
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated				
	<i>freeze_meeting:</i> SP-12			G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>									
								<i>remarks - general:</i>	TSG#8: split into eight parts	
								<i>remarks - this release:</i>	SP-12: withdrawn.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 772

02 December 2002 20:53:54

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.106-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1</b>							
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>							
					<i>remarks - general:</i> TSG#8: split into eight parts			
					<i>remarks - this release:</i> SP-12: withdrawn.			
<hr/>								
<b>TS 32.106-5</b>	<b>Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including</b>							
Rel-4	<i>current version:</i> <b>NRM) version 1</b>	none	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> TOVINGER, Thomas			
	Telefon AB LM Ericsson							
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>							
					<i>remarks - general:</i> TSG#8: split into eight parts			
					<i>remarks - this release:</i> SP-12: withdrawn.			
<hr/>								
<b>TS 32.106-6</b>	<b>Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1</b>							
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>							
					<i>remarks - general:</i> TSG#8: split into eight parts			
					<i>remarks - this release:</i> SP-12: withdrawn.			
<hr/>								
<b>TS 32.106-7</b>	<b>Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1</b>							
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>							
					<i>remarks - general:</i> TSG#8: split into eight parts			
					<i>remarks - this release:</i> SP-12: withdrawn.			
<hr/>								
<b>TS 32.106-8</b>	<b>Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects</b>							
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: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>							
	SP-11 28/03/2001 4 . 0 . 0				<i>remarks - general:</i> TSG#8: split into eight parts			
					<i>remarks - this release:</i> SP-12: withdrawn. See 32.600.			
					<a href="#">get it</a>			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 773

02 December 2002 20:53:54

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.111</b>	<b>3G Fault Management</b>								
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,</i>								
	SP-11 28/03/2001	4	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> TSG#8: split into 4 parts <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.112-1</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,				
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12	2	.	0	.	0	SP-010285		<i>remarks - general:</i> SP-12: stopped. See 32.311. <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.112-2</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> ,				
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-12	2	.	0	.	0	SP-010285		<i>remarks - general:</i> SP-12: stopped. See 32.312. <i>remarks - this release:</i> .
<hr/>									
<b>TS 32.140</b>	<b>Telecommunication management; Services operations management; Subscription management requirements</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.			
	<i>freeze_meeting:</i> NP-13			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	draft 01/08/2000	0	.	1	.	0		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> TSG#8:0.1.0 but associated WI not approved. NP-12: moved to rel-5.
<hr/>									
<b>TS 32.301-1</b>	<b>Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements</b>								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 18/06/2001	2	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.301. <i>remarks - this release:</i> .
<hr/>									

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 774

02 December 2002 20:53:54

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.301-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1</b>									
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,</i>										
SP-12	18/06/2001	2	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106- 2SP-12: stopped. See 32.302.	
									<i>remarks - this release:</i> .	
<hr/>										
<b>TS 32.301-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1</b>									
Rel-4	<i>current version:</i> 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,</i>										
SP-12	18/06/2001	2	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-3 SP-12: stopped. See 32.303.	
									<i>remarks - this release:</i> .	
<hr/>										
<b>TS 32.301-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1</b>									
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG					
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian							
<i>history (event, available, version,</i>										
SP-12	18/06/2001	2	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> Replaces 32.106-4 SP-12: stopped. See 32..304.	
									<i>remarks - this release:</i> .	
<hr/>										
<b>TS 32.312-1</b>	<b>Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements</b>									
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,							
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian							
<i>history (event, available, version,</i>										
									<i>remarks - general:</i> -> 32.111	
									<i>remarks - this release:</i> .	
<hr/>										
<b>TS 32.402</b>	<b>Telecommunication management; Performance Management (PM); Performance measurements - GSM</b>									
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz		T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> ZOICAS, Adrian							
<i>history (event, available, version,</i>										
SP-12	21/06/2001	1	.	0	.	0		<a href="#">get it</a>	<i>remarks - general:</i> was 32.104 (pars). SP-13: replaced by 52.402.	
SP-13	11/10/2001	2	.	0	.	0	SP-010467 approved as 52.042	<a href="#">get it</a>	<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 775

02 December 2002 20:53:54

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.601-1</b>	<b>Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> WILBER, John
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.601.
	<i>remarks - this release:</i> .

---

<b>TS 32.601-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Basic Configuration Management Integration Reference Point (IRP) information model</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.
	<i>remarks - this release:</i> .

---

<b>TS 32.601-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Basic Configuration Management Integration Reference Point (IRP): CORBA solution set</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.
	<i>remarks - this release:</i> .

---

<b>TS 32.601-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.604.
	<i>remarks - this release:</i> .

---

<b>TS 32.602-1</b>	<b>Telecommunication management; Configuration Management (CM); Configuration Management: Bulk CM Integration Reference Point (IRP) requirements</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> ,
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> SP-12: stopped. See 32.611.
	<i>remarks - this release:</i> .

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 776

02 December 2002 20:53:54

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.602-2 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): Information**

Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* ,  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* SP-12: stopped. See 32.612.  
*remarks - this release:* .

---

**TS 32.602-3 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CORBA**

Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* SP-12: stopped. See 32.613.  
*remarks - this release:* .

---

**TS 32.602-4 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CMP**

Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* SP-12: stopped. See 32.614.  
*remarks - this release:* .

---

**TS 32.602-5 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): XML file**

Rel-4 *current version:* **format definition** none *WG (prime / other):* S5 / *rapporteur:* ,  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* SP-12: stopped. See 32.615.  
*remarks - this release:* .

---

**TS 32.620-1 Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* G: yes U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.621.  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 777

02 December 2002 20:53:55

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

<b>TS 32.620-2</b>	<b>Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): NRM</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.622.
	<i>remarks - this release:</i> .

---

<b>TS 32.620-3</b>	<b>Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): CORBA solution set</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.
	<i>remarks - this release:</i> .

---

<b>TS 32.620-4</b>	<b>Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) CMIP solution set</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.624.
	<i>remarks - this release:</i> .

---

<b>TS 32.621-1</b>	<b>Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.631.
	<i>remarks - this release:</i> .

---

<b>TS 32.621-2</b>	<b>Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): NRM</b>
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	<a href="#">get it</a> <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.
	<i>remarks - this release:</i> .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 778

02 December 2002 20:53:55

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.621-3 Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): CORBA solution set**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.  
*remarks - this release:* .

---

**TS 32.621-4 Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): CMIP solution set**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* yes *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.634.  
*remarks - this release:* .

---

**TS 32.622-1 Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.641.  
*remarks - this release:* .

---

**TS 32.622-2 Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): NRM**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.  
*remarks - this release:* .

---

**TS 32.622-3 Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): CORBA solution set**  
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* *G:* *U:* yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 779

02 December 2002 20:53:55

Server WITHDRAWN specs Rel-4 32 .- series  
[http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TS 32.622-4 Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): CMIP solution set**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.644.  
*remarks - this release:* .

---

**TS 32.623-1 Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd  
*freeze\_meeting:* G: U: yes *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.651.  
*remarks - this release:* .

---

**TS 32.623-2 Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): NRM**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.  
*remarks - this release:* .

---

**TS 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): CORBA solution set**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG  
*freeze\_meeting:* G: yes U: *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.  
*remarks - this release:* .

---

**TS 32.623-4 Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): CMIP solution set**

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: *MCC:* ZOICAS, Adrian  
*history (event, available, version,*  
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 780

02 December 2002 20:53:55

Server WITHDRAWN specs Rel-4 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

Rel-4 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

**TR 33.800 Principles for Network Domain Security**  
Rel-4 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version, draft)* 0 . 3 . 5  
*WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on  
*remarks - this release:* v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

**TR 33.900 Guide to 3G security**  
Rel-4 *current version: none*  
*freeze\_meeting:* SP-11  
*history (event, available, version, draft)*  
*WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:*  
*remarks - this release:*

**TR 33.904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms**  
Rel-4 *current version: none*  
*freeze\_meeting:* SP-11  
*history (event, available, version, draft)* 2 . 0 . 0 only available as  
[http://www.3gpp.org/TB/other/algorithms/KASUMI\\_Eval\\_rep\\_v20.pdf](http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf)  
*WG (prime / other):* S3 / SAG *rapporteur:* VACANT,  
E  
*G:* *U:* yes *MCC:* POPE, Maurice  
*remarks - general:* Source: ETSI SAGE.  
*remarks - this release:* SP-15: Not to be promoted to Rel5. In fact, replaced by 33.908.

Rel-4 **41** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

**TS 41.001 GSM Specification set**  
Rel-4 *current version: none*  
*freeze\_meeting:* SP-11  
*history (event, available, version, draft)* SP-10 03/12/2000 1 . 0 . 0  
*WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* yes *U:* *MCC:* POPE, Maurice  
[get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.  
*remarks - this release:* ->41.102

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 781

02 December 2002 20:53:55

Server WITHDRAWN specs Rel-4 41 .- series  
[http://www.3gpp.org/ftp/Specs/archive/41\\_series](http://www.3gpp.org/ftp/Specs/archive/41_series)

Rel-4 42 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/42\\_series](http://www.3gpp.org/ftp/Specs/archive/42_series)

**TS 42.032 Immediate Service Termination (IST); Service description; Stage 1**  
Rel-4 *current version: none* *freeze\_meeting: SP-11* *WG (prime / other): S3 /* *rapporteur: WRIGHT, Tim* Indicate persons who left Company and wait for new One  
*history (event, available, version, SP-11 10/04/2001 4 . 0 . 0* *G: yes U:* *MCC: POPE, Maurice*  
[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* *freeze\_meeting: SP-11* *WG (prime / other): T3 / S3* *rapporteur: BARNES, Nigel* MOTOROLA Ltd  
*history (event, available, version, TP-11 09/04/2001 4 . 0 . 0* *G: yes U:* *MCC: DIETZE, Claus*  
[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* *freeze\_meeting: SP-11* *WG (prime / other): S4 /* *rapporteur: NAVARRO, William* NORTEL NETWORKS (EUROPE)  
*history (event, available, version,* *G: yes U:* *MCC: USAI, Paolino*  
*remarks - general: Scrapped - see 22.053, Rel-4 onwards.*  
*remarks - this release:*

Rel-4 43 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 782

02 December 2002 20:53:56

Server WITHDRAWN specs Rel-4 43 .- series  
[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

<b>TS 43.035</b>	<b>Immediate Service Termination (IST); Stage 2</b>								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim					Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0 SP-15 26/03/2002 4 . 1 . 0		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice					
			<a href="#">get it</a>	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035.					
			<a href="#">get it</a>	<i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.					
<b>TS 43.046</b>	<b>Technical Realization of Facsimile Group 3 Service - non transparent</b>								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>history (event, available, version,</i> post-TSG-14 23/01/2002 4 . 0 . 0	2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
			<a href="#">get it</a>	<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.					
<b>TS 43.048</b>	<b>Security Mechanisms for SIM Toolkit Application; Stage 2</b>								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd				
	<i>history (event, available, version,</i> TP-11 09/04/2001 4 . 0 . 0	withdrawn at TP-12	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
			<a href="#">get it</a>	<i>remarks - general:</i> TP-12: replaced by 23.048.					
				<i>remarks - this release:</i> TP-12: replaced by 23.048.					
<b>TS 43.051</b>	<b>GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2</b>								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation				
	<i>history (event, available, version,</i> GP-02 05/01/2001 4 . 0 . 0	GP-08: withdrawn	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
			<a href="#">get it</a>	<i>remarks - general:</i> Originally created as 03.51r00					
				<i>remarks - this release:</i> Created after TSG#8. GP-08: withdrawn					
<b>TS 43.063</b>	<b>Packet Data on Signalling channels service (PDS) Service description, Stage 2</b>								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND				
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
			<a href="#">get it</a>	<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.					

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 783

02 December 2002 20:53:56

Server WITHDRAWN specs Rel-4 43 .- series  
[http://www.3gpp.org/ftp/Specs/archive/43\\_series](http://www.3gpp.org/ftp/Specs/archive/43_series)

## TS 43.071 Location Services (LCS); Functional description; Stage 2 (GSM)

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* SULTAN, Alain  
*history (event, available, version, SP-11 4 . 0 . 0* *remarks - general:* Superseded by 23.271 Rel-4.  
*remarks - this release:* Superseded by 23.271 Rel-4.

Rel-4 44 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/44\\_series](http://www.3gpp.org/ftp/Specs/archive/44_series)

## TS 44.008 Mobile radio interface layer 3 specification

Rel-4 *current version:* none *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, NP-11 11/04/2001 4 . 0 . 0* *get it* *remarks - general:*  
*remarks - this release:* withdrawn at NP-15.

## TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version, NP-11 11/04/2001 4 . 0 . 0* *get it* *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to  
*remarks - this release:* 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1  
withdraw.  
work not continued beyond R99, so proposes to withdraw.

Rel-4 48 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 784

02 December 2002 20:53:56

Server WITHDRAWN specs Rel-4 48 .- series  
[http://www.3gpp.org/ftp/Specs/archive/48\\_series](http://www.3gpp.org/ftp/Specs/archive/48_series)

---

**TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3**

Rel-4 *current version: none* WG (prime / other): S4 / - rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting: SP-11* G: yes U: MCC: USAI, Paolino  
*history (event, available, version,*

*remarks - general: -> 28.062*  
*remarks - this release: -> 28.062*

---

Rel-4 49 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/49\\_series](http://www.3gpp.org/ftp/Specs/archive/49_series)

---

**TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**

Rel-4 *current version: none* WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* Peter Skov  
G: yes U: MCC: JORGENSEN, Per Johan

*remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to*  
*remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994*  
*handling both "GSM" and "UMTS" problems.*

---

Rel-4 50 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/50\\_series](http://www.3gpp.org/ftp/Specs/archive/50_series)

---

**TR 50.043 Support of Localised Service Area (SoLSA); Work Item Status**

Rel-4 *current version: none* WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting: SP-11* G: yes U: MCC: CLAYTON, Michael  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release: 2001-April:Clayton: stopped.*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

<b>TS 50.056</b>	<b>Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1</b>								
Rel-4	<i>current version:</i> none					<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GALLIGO, Michel		ALCATEL S.A.
	<i>freeze_meeting:</i> SP-11					G: yes U:	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version, SP-11</i>	4	.	0	.	0	not to be produced		
							<i>remarks - general:</i> Apr 2001 - Sultan:no Rel-4 will exist		
							<i>remarks - this release:</i> Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.		
<b>TS 50.089</b>	<b>GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;</b>								
Rel-4	<i>current version:</i> none					<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken		SIEMENS AG
	<i>freeze_meeting:</i> SP-11					G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>								
							<i>remarks - general:</i>		
							<i>remarks - this release:</i> Usai Apr-2001: will never be produced.		
<b>TR 50.099</b>	<b>GERAN project plan and open issues</b>								
Rel-4	<i>current version:</i> none					<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> MUELLER, Frank		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11					G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>								
	draft 09/10/2000	0	.	0	.	1	<a href="#">get it</a>	<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as	
	draft 06/11/2000	0	.	0	.	2	<a href="#">get it</a>	<i>remarks - this release:</i> GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly Rel-5.	
								numbered and were not subsequent at all, so do not appear in history; latest draft	
	draft 02/04/2000	0	.	0	.	2	<a href="#">get it</a>		
								is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".	
	draft 08/05/2000	0	.	0	.	3	<a href="#">get it</a>		
	draft 28/05/2000	0	.	0	.	4	<a href="#">get it</a>		
	GP-04 10/05/2000	0	.	0	.	6	<a href="#">get it</a>		
	draft	0	.	0	.	7			
	draft	0	.	0	.	8			
	GP-05	0	.	0	.	9			
	GP-06	0	.	0	.	10			
	GP-07	0	.	0	.	11			
	GP-07	0	.	0	.	12			
	GP-07	0	.	0	.	13			
	draft 12/04/2002	0	.	0	.	15	<a href="#">get it</a>		
	GP-09 22/04/2002	0	.	0	.	16	<a href="#">get it</a>		GP-021208
	draft 17/09/2002	0	.	0	.	20	<a href="#">get it</a>		
	GP-12 26/11/2002	0	.	23	.	0			GP-023436

# 3GPP specification status

Page 786

02 December 2002 20:53:56

Server WITHDRAWN specs Rel-4 51 .- series  
[http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

Rel-4 **51** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/51\\_series](http://www.3gpp.org/ftp/Specs/archive/51_series)

## TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-4 *current version:* none *WG (prime / other):* G5 / G4, *rapporteur:* HU, Shicheng ETSI Secretariat  
*freeze\_meeting:* SP-14 T3

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*  
TP-14 02/01/2002 0 . 0 . 1 TP-010250

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because  
*remarks - this release:* TP-17: Withdrawn, because doc was in fact R99, not Rel-4. doc was in fact R99, not

Rel-4.

## TS 51.014 Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new  
*freeze\_meeting:* SP-11 One

*G:* yes *U:* *MCC:* DIETZE, Claus

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex

Rel-4 **52** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/52\\_series](http://www.3gpp.org/ftp/Specs/archive/52_series)

## TS 52.071 Location Services (LCS); Location services management

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*freeze\_meeting:* SP-11 *G:* yes *U:* *MCC:* ZOICAS, Adrian

*history (event, available, version,*  
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13  
SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be  
withdrawn. A sort of non-version.  
Anti-bootstrapping (autointerment?)

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 787

02 December 2002 20:53:57

Server WITHDRAWN specs R00 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## R00

R00 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.68 Voice Group Call Service (VGCS); Stage 1**  
R00 *current version: none* *freeze\_meeting:* *history (event, available, version, smg-32 20/06/2000 9 . 0 . 0*

*WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

---

**TS 02.69 Voice Broadcast Service (VBS); Stage 1**  
R00 *current version: none* *freeze\_meeting:* *history (event, available, version, smg-32 20/06/2000 9 . 0 . 0*

*WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer  
*G: yes U:* *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*  
*remarks - this release:* #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

---

R00 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.20 Security-related Network Functions**  
R00 *current version: none* *freeze\_meeting:* SP-11 *history (event, available, version, smg-32 16/01/2001 9 . 0 . 0*

*WG (prime / other):* S3 / NP / GP *rapporteur:* NGUYEN NGOC, France Telecom  
*G: yes U:* *MCC:* SEBASTIEN, POPE, Maurice

[get it](#) *remarks - general:*  
*remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 788

02 December 2002 20:53:57

Server WITHDRAWN specs R00 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.51</b>	<b>GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2</b>				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	draft 30/05/2000 0 . 0 . 1				
			<i>remarks - general:</i> -> 43.051		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 03.59</b>	<b>Location services (LCS) GERAN; Stage 2</b>				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	draft 30/05/2000 0 . 0 . 1				
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> replaced by 43.059		
<hr/>					
<b>TS 03.68</b>	<b>Voice Group Call Service (VGCS); Stage 2</b>				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-32 20/06/2000 9 . 0 . 0				
		<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0		
<hr/>					
<b>TS 03.69</b>	<b>Voice Broadcast service (VBS); Stage 2</b>				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-30 20/06/2000 9 . 0 . 0				
		<a href="#">get it</a>	<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](http://www.3gpp.org/ftp/Specs/archive/04_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 789

02 December 2002 20:53:57

Server WITHDRAWN specs R00 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.18</b>	<b>Mobile radio interface layer 3 specification; Radio Resource Control Protocol</b>				
R00	<i>current version: none</i>	<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,</i>				
	smg-32 20/06/2000 9 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> Aug00: replaced by 44.018		
<hr/>					
<b>TS 04.68</b>	<b>Group Call Control (GCC) Protocol</b>				
R00	<i>current version: none</i>	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
<b>TS 04.69</b>	<b>Broadcast Call Control (BCC) protocol</b>				
R00	<i>current version: none</i>	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

---

---

R00 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 790

02 December 2002 20:53:57

Server WITHDRAWN specs R00 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

## TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 *current version: none* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: yes U: MCC: THOMASEN, Gert

*history (event, available, version,*

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
Fix graphics	16/05/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
smg-32	20/06/2000	9	.	0	.	0

[get it](#)

*remarks - general:*

[get it](#)

*remarks - this release:* #32:9.0.0 Aug00: replaced by 48.008

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

---

R00 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

## TS 10.99 GERAN project plan and open issues

R00 *current version: none* WG (prime / other): / rapporteur: MUELLER, Frank Telefon AB LM Ericsson  
*freeze\_meeting:* G: yes U: MCC:

*history (event, available, version,*

draft (as 10.99)	30/05/2000	0	.	0	.	5
------------------	------------	---	---	---	---	---

[get it](#)

*remarks - general:*

*remarks - this release:* .

---

R00 11 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 791

02 December 2002 20:53:57

Server WITHDRAWN specs R00 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

R00 *current version:* none *freeze\_meeting:* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*  
smg-32 20/06/2000 9 . 0 . 0  
edito 12/07/2000 9 . 0 . 1

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently  
[get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

## TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R00 *current version:* none *freeze\_meeting:* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP  
/ G4

G: yes U: MCC: SALMERON, Lidia

*history (event, available, version,*  
smg-32 20/06/2000 9 . 0 . 0 Tdoc 7-00-276; P-00-266

[get it](#) *remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* #32:9.0.0->51.010-3v4.0.0

R00 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

## TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)

R00 *current version:* none *freeze\_meeting:* WG (prime / other): R3 / - rapporteur: PARK, Jin Hyo SK TELECOM  
G: U: yes MCC: KRAUSE, Joern

*history (event, available, version,*  
draft 15/08/2000 0 . 0 . 1  
RP-10 21/09/2000 0 . 1 . 0 RP-000642

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* -> Rel-4

G = required in systems with GERAN acces; U = required in systems with UMTS

## R99

R99 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TR 01.00 Working Procedures for SMG and PT SMG**  
R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* POPE, Maurice  
*history (event, available, version,*  
smg-30 11/11/1999 8 . 0 . 0 SP-15: withdrawn since SMG and [get it](#) *remarks - general:*  
PT-SMG no longer exist. *remarks - this release:*

---

**TS 01.56 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements**  
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* MESSIET, Samira ALCATEL S.A.  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
Withdrawn 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* CTS is dead duck

---

## R99

 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**  
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#6: ->3G  
smg-30 25/10/2001 8 . 2 . 0 [get it](#)  
ETSI publication 30/10/2001 8 . 2 . 1 [get it](#)

# 3GPP specification status

Page 793

02 December 2002 20:53:58

Server WITHDRAWN specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.02</b>	<b>Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)</b>	R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-29 25/06/1999 8 . 0 . 0	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	<a href="#">get it</a> remarks - general: remarks - this release:
<b>TS 02.03</b>	<b>Teleservices Supported by a GSM Public Land Mobile Network (PLMN)</b>	R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-30 11/11/1999 8 . 0 . 0 withdrawn	WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael	T-MOBILE DEUTSCHLAND	<a href="#">get it</a> remarks - general: remarks - this release: #30: 8.0.0 TSG#6->3g
<b>TS 02.04</b>	<b>General on Supplementary Services</b>	R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-28 12/02/1999 8 . 0 . 0 smg-29 26/06/1999 8 . 1 . 0 withdrawn (becomes 22.004)	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release:
<b>TS 02.07</b>	<b>Mobile Station (MS) Features</b>	R99	current version: none freeze_meeting: SP-06 history (event, available, version, smg-29 25/06/1999 8 . 0 . 0 smg-30 8 . 1 . 0 withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.	WG (prime / other): S1 / - G: yes U:	rapporteur: JEAL, David MCC: CLAYTON, Michael	VODAFONE Group Plc	<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: TSG#6: withdrawn
<b>TS 02.32</b>	<b>Immediate Service Termination (IST); Service description; Stage 1</b>	R99	current version: none freeze_meeting: SP-06 history (event, available, version, Upgrade to R99 14/02/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1	WG (prime / other): S3 / G: yes U:	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One	<a href="#">get it</a> remarks - general: <a href="#">get it</a> remarks - this release: SP-16: withdrawn in favour of 22.032 R99.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 794

02 December 2002 20:53:58

Server WITHDRAWN specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.34</b>	<b>High Speed Circuit Switched Data (HSCSD); Stage 1</b>								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
	smg-29 25/06/1999 8 . 1 . 0	withdrawn -> 22.034		<a href="#">get it</a>	<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.38</b>	<b>SIM application toolkit (SAT); Stage 1</b>								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> Moved from T3 Jan-00.				
					<i>remarks - this release:</i> Place holder - no spec.				
<hr/>									
<b>TS 02.40</b>	<b>Procedures for Call Progress Indications</b>								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-30 11/11/1999 8 . 0 . 0	withdrawn. The text for 02.40 was		<a href="#">get it</a>	<i>remarks - general:</i>				
		moved to 22.001. refer to CR			<i>remarks - this release:</i> R99 -> 22.101				
		22.001-001 which resulted in version							
		3.1.0 of 22.001.							
<hr/>									
<b>TS 02.42</b>	<b>Network Identity and Timezone (NITZ); Service Description, Stage 1</b>								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 8 . 0 . 0	withdrawn -> 22.042		<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 02.57</b>	<b>Mobile Station Application Execution Environment (MExE) Service description Stage 1</b>								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 8 . 0 . 0			<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 795

02 December 2002 20:53:58

Server WITHDRAWN specs R99 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.60 General Packet Radio Service Stage 1 Description

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release: #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)*

---

## TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)*

---

## TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)*

---

## TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation  
*freeze\_meeting:* SP-06 G: yes U: *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*  
*remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)*

---

R99

03 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 796

02 December 2002 20:53:58

Server WITHDRAWN specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TS 03.01</b>	<b>Network Functions</b>								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB			
	<i>freeze_meeting:</i> SP-06			G: yes U:	MCC: SULTAN, Alain				
	<i>history (event, available, version,</i>								
	Upgrade to R99 30/06/2000	8	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i> SMG3->SA2 @ TSG#7				
					<i>remarks - this release:</i> Never produced; make do with R98 version.				
<hr/>									
<b>TS 03.35</b>	<b>Immediate Service Termination (IST); Stage 2</b>								
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,</i>								
	Upgrade to R99 30/06/2000	8	.	0	.	0			
	SP-11 04/04/2001	8	.	1	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>				
				<a href="#">get it</a>	<i>remarks - this release:</i> SP-16: withdrawn in favouf of 23.035 R99.				
<hr/>									
<b>TR 03.43</b>	<b>Support of Videotex</b>								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-06			G: yes U:	MCC: RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	frozen at v7 20/11/2000	8	.	0	.	0			
	(withdrawn)			<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> Frozen at v7				
<hr/>									
<b>TR 03.44</b>	<b>Support of Teletex in a GSM Public Land Mobile Network (PLMN)</b>								
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,</i>								
	Upgrade to R99 30/06/2000	8	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i> Sticks at v7				
<hr/>									
<b>TR 03.47</b>	<b>Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)</b>								
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,</i>								
	Upgrade to R99 30/06/2000	8	.	0	.	0			
				<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 797

02 December 2002 20:53:58

Server WITHDRAWN specs R99 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

<b>TR 03.49</b>	<b>Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> clamped at v7		
<hr/>					
<b>TS 03.56</b>	<b>GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel	
	<i>history (event, available, version,</i> Upgrade to R99 01/05/2000 8 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> SULTAN, Alain		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> Never produced; make do with R98 version.		
<hr/>					
<b>TS 03.63</b>	<b>Packet Data on Signalling channels service (PDS) Service description, Stage 2</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND	
	<i>history (event, available, version,</i> smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.		
<hr/>					
<b>TS 03.82</b>	<b>Call Forwarding (CF) Supplementary Services; Stage 2</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>history (event, available, version,</i> smg-28 12/02/1999 8 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)		

---

---

R99

04 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 798

02 December 2002 20:53:59

Server WITHDRAWN specs R99 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](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

*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David

*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0)* [get it](#) *remarks - general:*  
*remarks - this release:* #29: 8.0.0 (to be deleted, moved to 3GPP)

---

**TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3**  
R99 *current version: none* *WG (prime / other):* N1 /- *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan

*history (event, available, version, smg-31 16/02/2000 8 . 0 . 0)* [get it](#) *remarks - general:*  
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

---

**TS 04.94 Follow Me Service description; Stage 3**  
R99 *current version: none* *WG (prime / other):* - /- *rapporteur:* SWETINA, Joerg SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* ,

*history (event, available, version,* *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](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.14 Release independent frequency bands; Implementation guidelines**  
R99 *current version: none* *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* USAI, Paolino

*history (event, available, version,* *remarks - general:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
*remarks - this release:* Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.  
Changed from G2 to G1 at same time.  
R99 will not be produced (source: Usai 2001-01-05)

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 799

02 December 2002 20:53:59

Server WITHDRAWN specs R99 07 .- series  
[http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

R99 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

## TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001* [get it](#) *remarks - general:*  
*remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)*

## TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0* [get it](#) *remarks - general:*  
*remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)*

## TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David  
*history (event, available, version, smg-29 25/06/1999 8 . 0 . 0* [get it](#) *remarks - general:*  
*remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)*

## TS 07.08 GSM Application Programming Interface

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version, Creation of R99 30/06/2000 8 . 0 . 0* [get it](#) *remarks - general:*  
*remarks - this release: Frozen at v5*

R99 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

G = required in systems with GERAN acces; U = required in systems w ith UMTS

# 3GPP specification status

Page 800

02 December 2002 20:53:59

Server WITHDRAWN specs R99 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.07</b>	<b>General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone</b>	R99	<i>current version:</i> Network (PSTN)	none	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> SP-06			<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, smg-29 25/06/1999 8 . 0 . 0)</i>				<a href="#">get it</a>	<i>remarks - general:</i>		
						<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)		
<hr/>								
<b>TS 09.14</b>	<b>Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling</b>	R99	<i>current version:</i> none		<i>WG (prime / other):</i> SPA / N4		<i>rapporteur:</i> SPORTON, Simon	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-06			<i>G:</i> yes	<i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version, WITHDRAWN 29/05/2000 8 . 0 . 0)</i>				<a href="#">get it</a>	<i>remarks - general:</i> EN 302 646		
						<i>remarks - this release:</i> May00: Possibly no need for an update.		
<hr/>								
<b>TS 09.18</b>	<b>General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification</b>	R99	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-06			<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, smg-29 25/06/1999 8 . 0 . 0)</i>				<a href="#">get it</a>	<i>remarks - general:</i>		
						<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)		
<hr/>								
<b>TR 09.94</b>	<b>Recommended infrastructure measures to overcome specific Mobile Station (MS) faults</b>	R99	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i>			<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> Peter Skov JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					<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](http://www.3gpp.org/ftp/Specs/archive/10_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 801

02 December 2002 20:53:59

Server WITHDRAWN specs R99 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TR 10.43 Support of Localised Service Area (SoLSA); Work Item Status

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael  
*history (event, available, version,*  
draft 17/04/1998 1 . 2 . 0 empty! [get it](#) *remarks - general:*  
smg-28 30/06/1999 1 . 11 . 0 [get it](#) *remarks - this release:* #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

## TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* Friedhelm  
*history (event, available, version,*  
WITHDRAWN 14/03/2000 8 . 0 . 0 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* No R99 impact.

## TR 10.76 Noise suppression for the AMR codec; Project scheduling and open issues

R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* ,  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 15/08/1999 0 . 0 . 8 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped".  
draft 15/10/1999 1 . 0 . 0 2002-01-23: Usai indicates "stopped". [get it](#) *remarks - this release:* 2002-01-23: Usai indicates "stopped".

## TS 10.89 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

R99 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
draft 14/03/2000 0 . 0 . 3 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped".  
draft 08/04/2000 0 . 0 . 4 [get it](#) *remarks - this release:* 2002-01-23: Usai indicates "stopped".  
draft 19/04/2000 0 . 0 . 5 [get it](#)  
draft 04/08/2000 0 . 0 . 6 2002-01-23: Usai indicates "stopped". [get it](#)

R99

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 802

02 December 2002 20:53:59

Server WITHDRAWN specs R99 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.10-2</b>	<b>Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
		G: yes U:	MCC:	SALMERON, Lidia	
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> proposed, but nya; flagged as withdrawn at SMG#32 to make life easier		
<hr/>					
<b>TS 11.10-3</b>	<b>Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
		G: yes U:	MCC:	SALMERON, Lidia	
	<i>history (event, available, version,</i> Upgraded to R99 30/06/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> skipped straight to R00.		
<hr/>					
<b>TS 11.17</b>	<b>SIM test specification</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David	Indicate persons who left Company and wait for new One	
		G: yes U:	MCC:	DIETZE, Claus	
	<i>history (event, available, version,</i> WITHDRAWN 14/03/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> May 00: R99 not anticipated.		
<hr/>					
<b>TS 11.18</b>	<b>Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface</b>				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune	NOKIA MOBILE PHONES	
		G: yes U:	MCC:	DIETZE, Claus	
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> Sanders Oct 2000: Effectively replaced by 31.101.		

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 803

02 December 2002 20:54:00

Server WITHDRAWN specs R99 21 .- series  
[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

R99 **21** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

## TS 21.010 reserved

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*

*WG (prime / other):* SP / - *rapporteur:* VACANT,  
G: U: yes *MCC:* POPE, Maurice

*remarks - general:*  
*remarks - this release:* 3.0.0 dates from June 99

## TS 21.100 3G specification handling procedures

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
SP-08 28/06/2000 1 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
G: U: yes *MCC:* ,

[get it](#) *remarks - general:* Knobbed prior to SA#8.  
*remarks - this release:*

## TS 21.906 reserved

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*  
First complete 04/03/1999 0 . 0 . 0  
SP-03 3 . 0 . 0

*WG (prime / other):* / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
G: U: yes *MCC:*

[get it](#) *remarks - general:*  
*remarks - this release:* .

R99 **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

R99 *current version:* none  
*freeze\_meeting:* SP-05  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 0 . 1  
SP-08 28/06/2000 3 . 1 . 0

*WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation  
G: yes U: yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Transfer>TSG#4  
[get it](#) *remarks - this release:* Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 804

02 December 2002 20:54:00

Server WITHDRAWN specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

## TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* none  
*freeze\_meeting:* SP-11  
*history (event, available, version,*  
SP-06 3 . 0 . 0

*WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)  
*G:* yes *U:* yes *MCC:* USAI, Paulino

*remarks - general:* Transfer>TSG#4.  
*remarks - this release:* 2001-01-22: Scrapped. 02.53 is retained.

## TR 22.907 Terminal concepts

R99 *current version:* none  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 2  
and Scope  
First complete 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 22/04/1999 3 . 1 . 2  
SP-04 23/06/1999 3 . 1 . 3

*WG (prime / other):* - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES  
*G:* *U:* yes *MCC:* ,

[get it](#) *remarks - general:* CR at TSG#4 Not maintained  
*remarks - this release:* Withdrawn (Clayton 2000-02-11)

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

## TR 22.924 Charging and accounting mechanisms

R99 *current version:* none  
*freeze\_meeting:* SP-03  
*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 1  
and Scope  
First complete 19/12/1997 1 . 2 . 1  
WG approval 15/02/1997 2 . 0 . 0  
Under TB change 20/03/1998 3 . 0 . 0  
control  
TB approval 15/02/1999 3 . 1 . 0  
SP-03 23/04/1999 3 . 1 . 1

*WG (prime / other):* - / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.  
*G:* *U:* yes *MCC:* ,

[get it](#) *remarks - general:*  
*remarks - this release:* .

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 805

02 December 2002 20:54:00

Server WITHDRAWN specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

## TR 22.925 Quality of Service (QoS) and network performance

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* ERIKSSON, Olle Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* ,

*history (event, available, version,*  
First complete 13/06/1997 1 . 1 . 0  
WG approval 19/12/1997 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 1 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

---

## TR 22.960 Mobile multimedia services

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* AHNBERG, Tomas Indicate persons who left Company and wait for new One  
*G:* *U:* yes *MCC:* ,

*history (event, available, version,*  
Table of Contents 17/10/1997 0 . 0 . 4  
and Scope  
First complete 19/12/1997 1 . 0 . 0  
WG approval 15/02/1997 2 . 0 . 0  
SP-03 23/04/1999 3 . 0 . 1 withdrawn

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

---

## TR 22.970 Virtual Home Environment Report

R99 *current version:* none  
*freeze\_meeting:* SP-03

*WG (prime / other):* - / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited  
*G:* *U:* yes *MCC:* ,

*history (event, available, version,*  
Table of Contents 19/10/1997 0 . 0 . 7  
and Scope  
First complete 19/12/1997 1 . 0 . 0  
WG approval 15/02/1998 2 . 0 . 0  
TB approval 20/03/1998 3 . 0 . 0  
SP-03 23/04/1999 3 . 0 . 1

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

---

## TR 22.972 Circuit-switched multimedia

R99 *current version:* none  
*freeze\_meeting:* SP-06

*WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*G:* *U:* yes *MCC:* ,

*history (event, available, version,*  
First complete 23/04/1999 0 . 0 . 0

[get it](#) *remarks - general:* Title grows "cct sw".  
*remarks - this release:* Withdrawn (Clayton 2000-02-11)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 806

02 December 2002 20:54:00

Server WITHDRAWN specs R99 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

R99 **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.010</b>	<b>GSM Public Land Mobile Network (PLMN) Connection Types</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> superseded by 23.910	
								<i>remarks - this release:</i> TSG#7:3.0.0 - later scrapped	
<hr/>									
<b>TS 23.022</b>	<b>Functions related to Mobile Station (MS) in idle mode and group receive mode</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	.	0	.	0			
	SP-04 23/06/1999	3	.	1	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> Superseded by 23.122	
							<a href="#">get it</a>	<i>remarks - this release:</i> 3.1.0 dates from June 99	
<hr/>									
<b>TS 23.043</b>	<b>Support of Videotex</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i> 3.0.0 Apr 99 - later scrapped	
<hr/>									
<b>TS 23.044</b>	<b>Support of Teletex</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i>	
								<i>remarks - this release:</i> 3.0.0 Apr 99 - later scrapped	

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 807

02 December 2002 20:54:00

Server WITHDRAWN specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.045</b>	<b>Technical Realization of Facsimile Group 3 Service - transparent</b>								
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	MCC: ,						
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999 3 . 0 . 0								
		<a href="#">get it</a>	<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/>									
<b>TS 23.046</b>	<b>Technical realisation of facsimile Group 3 service- non-transparent</b>								
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	MCC: ,						
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999 3 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> superseded by 23.146						
			<i>remarks - this release:</i> 3.0.0 Apr 99						
<hr/>									
<b>TS 23.054</b>	<b>Shared Interworking Functions (SIWF); Stage 2</b>								
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					
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	MCC: BOSWARTHICK, David	One					
	<i>history (event, available, version,</i>								
	NP-03 23/04/1999 3 . 0 . 0 NP-13: withdrawn								
		<a href="#">get it</a>	<i>remarks - general:</i>						
			<i>remarks - this release:</i> NP-13: withdrawn.						
<hr/>									
<b>TS 23.069</b>	<b>Voice Broadcast service (VBS); Stage 2</b>								
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	MCC: JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-03 23/04/1999 3 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> Reverts to 03.69 R99.						
			<i>remarks - this release:</i> 3.0.0 Apr 99 - Reverts to 03.69 R99.						
<hr/>									
<b>TS 23.070</b>	<b>Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)</b>								
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					
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	MCC: ,	One					
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999 3 . 0 . 0								
		<a href="#">get it</a>	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 03.70 R98.						
			<i>remarks - this release:</i> withdrawn NP-06						

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 808

02 December 2002 20:54:01

Server WITHDRAWN specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.071</b>	<b>Location Services (LCS); Functional description; Stage 2</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-04 30/05/1999	3	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> superseded by 25.305	
								<i>remarks - this release:</i> .	
<hr/>									
<b>TS 23.073</b>	<b>Support of Localised Service Area (SoLSA); Stage 2</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-05								
	<i>history (event, available, version,</i>								
	NP-05 13/10/1999	3	.	0	.	0			
	edito 06/06/2000	3	.	0	.	1			
							<a href="#">get it</a>	<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.	
							<a href="#">get it</a>	<i>remarks - this release:</i> SP-16: reverts to 03.73 since applies to GERAN systems only.	
<hr/>									
<b>TS 23.920</b>	<b>Evolution of the GSM platform towards UMTS</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	Table of Contents	17/10/1997	0	.	0	.	3		
	and Scope								
	Transfer to SP SA	04/03/1999	0	.	6	.	1		
	SP-03	23/04/1999	1	.	0	.	0		
	WG approval	01/04/1999	1	.	0	.	0		
	First complete	01/04/1999	1	.	0	.	0		
	SP-04	23/06/1999	3	.	0	.	0		
	SP-05	13/10/1999	3	.	1	.	0		
							<a href="#">get it</a>	<i>remarks - general:</i>	
							<a href="#">get it</a>	<i>remarks - this release:</i> Stopped TSG#6	
							<a href="#">get it</a>		
							<a href="#">get it</a>		
							<a href="#">get it</a>		
							<a href="#">get it</a>		
							<a href="#">get it</a>		
<hr/>									
<b>TR 23.922</b>	<b>Architecture for an All IP network</b>								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	.	0	.	0			
							<a href="#">get it</a>	<i>remarks - general:</i> TSG#5: 1.0.0	
								<i>remarks - this release:</i> Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 809

02 December 2002 20:54:01

Server WITHDRAWN specs R99 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TR 23.927 VHE, Open Service Architecture (OSA)**  
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* ,  
*history (event, available, version,*  
First complete 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* Replaced by 23.127  
SP-03 23/04/1999 0 . 1 . 0 withdrawn [get it](#) *remarks - this release:* Withdrawn (Clayton 2000-02-11).

---

**TR 23.960 Framework of network functions to support multimedia services**  
R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* GABE, Axel SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* ,  
*history (event, available, version,*  
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*  
*remarks - this release:* .

---

R99 **24** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface**  
R99 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S  
*freeze\_meeting:* SP-05 *G:* yes *U:* yes *MCC:* THOMASEN, Gert  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4; N#9;proposed to scrap this spec and return it to 2g status (04.12  
*remarks - this release:* Replaced by 04.12 R99. R99) and shift responsibility to G2 (and should have been  
N2 anyway). Agreed to txfer to G2, but still as 24.012.

---

**TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND-CP)**  
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat  
*freeze\_meeting:* SP-12 *G:* U: yes *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* Scrapped: is GSM only  
NP-04 27/05/1999 3 . 1 . 0 [get it](#) *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08  
withdrawn; not required for 3G.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 810

02 December 2002 20:54:01

Server WITHDRAWN specs R99 24 .- series  
[http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.068 Group Call Control (GCC) Protocol**

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*

NP-03 3 . 0 . 0  
NP-04 3 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G:* U: yes *MCC:* JORGENSEN, Per Johan

*remarks - general:* GSM only for R99.  
*remarks - this release:* GSM only for R99.

---

**TS 24.069 Broadcast Call Control (BCC) protocol**

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*

NP-03 3 . 0 . 0  
NP-04 3 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
*G:* U: yes *MCC:* JORGENSEN, Per Johan

*remarks - general:* GSM only for R99.  
*remarks - this release:* GSM only for R99.

---

**TS 24.094 Follow Me; Stage 3**

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG  
*G:* U: yes *MCC:* ,

*remarks - general:* TF139 proposes to abandon; not needed. USSD does all.  
*remarks - this release:* USSD does all. No draft expected.

---

R99

25 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TS 25.053 Tandem Free Operation (TFO); Service description; Stage 2**

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat  
*G:* yes U: yes *MCC:* ,

*remarks - general:* No draft. Anyway, should have been 23.053.  
*remarks - this release:* no draft ever materialised

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 811

02 December 2002 20:54:01

Server WITHDRAWN specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

<b>TS 25.103</b>	<b>RF parameters in support of RRM</b>				
R99	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	FRANCESCHI, Olle Nippon Ericsson K.K.
	<i>freeze_meeting:</i> SP-06	G: yes	U: yes	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
	First complete	04/03/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Withdrawn in favour of 25.123 & 25.133
	NP-03	23/04/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Withdrawn
	NP-04	23/06/1999	1 . 0 . 0	<a href="#">get it</a>	
	NP-05	13/10/1999	2 . 0 . 0	<a href="#">get it</a>	
<b>TR 25.923</b>	<b>Stage 2 Functional Specification of Location Services in UTRAN</b>				
R99	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	STEER, David G NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
	draft	30/04/1999	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> superseded by 25.305
	draft	01/09/1999	1 . 2 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> .
	draft	30/09/1999	1 . 4 . 0	<a href="#">get it</a>	
<b>TR 25.926</b>	<b>UE Radio Access capabilities definition</b>				
R99	<i>current version:</i> none	WG (prime / other):	R2 / -	<i>rapporteur:</i>	LUNDSJÖ, Johan Ericsson AB
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude
	<i>history (event, available, version,</i>				
	RP-05	13/10/1999	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> ->25.306 Nov 00.
	R2-08	30/11/1999	0 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> Nov00->25.306 but first ->TSG#10:3.3.0
	R2-09	17/12/1999	1 . 0 . 0	<a href="#">get it</a>	
	RP-07	15/03/2000	3 . 0 . 0	<a href="#">get it</a>	
	RP-08	23/06/2000	3 . 1 . 0	<a href="#">get it</a>	
	RP-08	06/10/2000	3 . 2 . 0	<a href="#">get it</a>	
	RP-10	15/12/2000	3 . 3 . 0	<a href="#">get it</a>	
<b>TR 25.990</b>	<b>Vocabulary for UTRAN</b>				
R99	<i>current version:</i> none	WG (prime / other):	R4 / -	<i>rapporteur:</i>	OKRAH, Peter Motorola Inc.
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version,</i>				
	RP-03	23/04/1999	0 . 0 . 2	<a href="#">get it</a>	<i>remarks - general:</i> ->21.905
	RP-04	23/06/1999	0 . 1 . 4	<a href="#">get it</a>	<i>remarks - this release:</i> Will be withdrawn when 21.905 is updated with all the contents of this TR. RP-15; the update was done at RP-13, so this can now be withdrawn.
	RP-05	13/10/1999	3 . 0 . 0	<a href="#">get it</a>	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 812

02 December 2002 20:54:02

Server WITHDRAWN specs R99 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

R99 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.075</b>	<b>Performance characterization of the Adaptive Multi-Rate (AMR) speech codec</b>					
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	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ,			
	<i>history (event, available, version,</i>					
	SP-03 23/04/1999 0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.			
	SP-06 17/12/1999 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> replaced by 26.975			
	SP-05 13/10/1999 1 . 0 . 0	<a href="#">get it</a>				
	SP-04 23/06/1999 1 . 0 . 0	<a href="#">get it</a>				
	Editorial 23/06/2000 1 . 2 . 0	<a href="#">get it</a>				
<hr/>						
<b>TS 26.112</b>	<b>Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements</b>					
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	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-03 26/04/1999 1 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>			
	SP-04 23/06/1999 1 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>			
<hr/>						
<b>TS 26.115</b>	<b>Echo control for speech and multi-media services</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	Creation of WI by 02/02/2000 0 . 0 . 1	<a href="#">get it</a>	<i>remarks - general:</i>			
	WG/TB		<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.			
<hr/>						
<b>TS 26.121</b>	<b>Technical Specification for Tandem Free Operation within 3G networks</b>					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC		
	<i>freeze_meeting:</i> SP-08	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ,			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 813

02 December 2002 20:54:02

Server WITHDRAWN specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

<b>TS 26.122</b>	<b>Technical Specification for Tandem Free Operation between 3G and 2G networks</b>				
R99	<i>current version: none</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain		Cingular Wireless LLC
	<i>freeze_meeting: SP-07</i>	G: U: yes	MCC: ,		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 26.133</b>	<b>Wide band speech telephony terminal acoustic characteristics</b>				
R99	<i>current version: none</i>	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One
	<i>freeze_meeting: SP-06</i>	G: U: yes	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i> Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 26.134</b>	<b>Wide band speech telephony terminal acoustic test specification</b>				
R99	<i>current version: none</i>	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One
	<i>freeze_meeting: SP-06</i>	G: U: yes	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i> Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 26.135</b>	<b>Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony</b>				
R99	<i>current version: none</i>	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting: SP-06</i>	G: yes U: yes	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i> Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 26.136</b>	<b>Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony</b>				
R99	<i>current version: none</i>	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting: SP-06</i>	G: U: yes	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i> Stopped: Included in 26.131 & '132.	
				<i>remarks - this release:</i> .	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 814

02 December 2002 20:54:02

Server WITHDRAWN specs R99 26 .- series  
[http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

**TS 26.137 Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony**  
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:* Stopped: Included in 26.131 & '132.  
*remarks - this release:* .

---

**TS 26.138 Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony**  
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
*remarks - general:* Stopped: Included in 26.131 & '132.  
*remarks - this release:* .

---

**TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G**  
R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation  
*freeze\_meeting:* SP-06 *G:* *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*  
SP-04 23/06/1999 0 . 0 . 1 [get it](#) *remarks - this release:* No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.

---

R99 28 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/28\\_series](http://www.3gpp.org/ftp/Specs/archive/28_series)

---

**TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3**  
R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG  
*freeze\_meeting:* SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino  
*history (event, available, version,*  
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4  
*remarks - this release:* withdrawn from R99.

---

R99 29 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 815

02 December 2002 20:54:02

Server WITHDRAWN specs R99 29 .- series  
[http://www.3gpp.org/ftp/Specs/archive/29\\_series](http://www.3gpp.org/ftp/Specs/archive/29_series)

---

<b>TS 29.004</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)</b>								
R99	<i>current version:</i> none	WG (prime / other):	- / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-08	G:	U: yes	MCC:	,				
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	. 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.04 R98.			
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 29.005</b>	<b>Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access</b>								
R99	<i>current version:</i> none	WG (prime / other):	- / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-08	G:	U: yes	MCC:	,				
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	. 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.05 R98.			
					<i>remarks - this release:</i>				
<hr/>									
<b>TS 29.006</b>	<b>Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services</b>								
R99	<i>current version:</i> none	WG (prime / other):	- / -	rapporteur:	BRAUN, Achim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-03	G: yes	U: yes	MCC:	,				
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	. 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.06 R98.			
					<i>remarks - this release:</i>	withdrawn NP-06			

---

R99 **31** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

---

<b>TR 31.900</b>	<b>SIM/USIM internal and external interworking aspects</b>								
R99	<i>current version:</i> none	WG (prime / other):	T3 /	rapporteur:	KALINER, Stefan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> TP-12	G:	U: yes	MCC:	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-11 05/04/2001	1	. 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	TP-16: withdrawn; only Rel-5 remains valid.			
	TP-12	2	. 0 . 0						
	TP-12 06/07/2001	3	. 0 . 0	<a href="#">get it</a>					
	TP-13 12/10/2001	3	. 1 . 0	<a href="#">get it</a>					
	TP-15 28/03/2002	3	. 2 . 0	<a href="#">get it</a>					
						TP-16: withdrawn; only Rel-5 remains valid.			

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 816

02 December 2002 20:54:02

Server WITHDRAWN specs R99 31 .- series  
[http://www.3gpp.org/ftp/Specs/archive/31\\_series](http://www.3gpp.org/ftp/Specs/archive/31_series)

R99 **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

## TS 32.008 Subscriber and Equipment trace

R99 *current version:* none  
*freeze\_meeting:* SP-06  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:* SJÖBLOM, Kai NOKIA Corporation  
*G:* *U:* yes *MCC:* ,

*remarks - general:* Existence deduced from STF139 programme. But denied by Sjöblom.  
*remarks - this release:* Not to be produced.

## TS 32.106 Configuration Management

R99 *current version:* none  
*freeze\_meeting:* SP-07  
*history (event, available, version,*

*WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* TSG#8: split into eight parts  
[get it](#) *remarks - this release:* SP-08: multipart split from parent 3.0.1

SP-05 13/10/1999 1 . 0 . 0  
SP-06 17/12/1999 1 . 1 . 0  
SP-07 2 . 0 . 0  
SP-07 17/03/2000 3 . 0 . 0  
Editorial 17/03/2000 3 . 0 . 1 withdrawn SP-08

[get it](#)  
[get it](#)

## TS 32.111 3G Fault Management

R99 *current version:* none  
*freeze\_meeting:* SP-08  
*history (event, available, version,*

*WG (prime / other):* S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.  
*G:* *U:* yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* TSG#8: split into 4 parts  
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1

SP-05 13/10/1999 1 . 0 . 0  
SP-06 17/12/1999 1 . 1 . 0  
SP-07 17/03/2000 3 . 0 . 0  
Editorial 17/03/2000 3 . 0 . 1  
SP-08: split into 23/06/2000 3 . 1 . 0  
parts  
Formatting 18/07/2000 3 . 2 . 0

[get it](#)  
[get it](#)  
[get it](#)  
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 817

02 December 2002 20:54:03

Server WITHDRAWN specs R99 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

R99 **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

<b>TR 33.900</b>	<b>Guide to 3G security</b>	R99	current version: none freeze_meeting: SP-06 history (event, available, version, SP-08 23/06/2000 1 . 2 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: BROOKSON, Charles MCC: POPE, Maurice	DTI - Department of Trade and Industry	<a href="#">get it</a>	remarks - general: remarks - this release: New at TSG#6
<b>TR 33.909</b>	<b>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</b>	R99	current version: none freeze_meeting: SP-10 history (event, available, version, SP-10 16/01/2001 1 . 0 . 0 SP-000629 SP-10 3 . 0 . 0 withdrawn, not needed for R99	WG (prime / other): S3 / - G: U: yes	rapporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc	<a href="#">get it</a>	remarks - general: TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10. remarks - this release: TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23withdrawn.

R99 **35** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

<b>TS 35.205</b>	<b>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*;</b>	R99	current version: Document 1: General VODAFONE Group Plc freeze_meeting: SP-10 history (event, available, version, SP-10 09/05/2001 3 . 0 . 0 SAGE only supplied PDF, so no real deliverable yet available - SP-000630	none G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	<a href="#">get it</a>	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR. remarks - this release: TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4
------------------	---	-----	--	-------------------	--	-----------------------------	------------------------	---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 818

02 December 2002 20:54:03

Server WITHDRAWN specs R99 35 .- series  
[http://www.3gpp.org/ftp/Specs/archive/35\\_series](http://www.3gpp.org/ftp/Specs/archive/35_series)

<b>TS 35.206</b>	<b>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*;</b>	R99	current version: Document 2: Algorithm specification	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0 SP-000673								
					<a href="#">get it</a>	remarks - general:	ex SAGE		
						remarks - this release:	TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4		
<b>TS 35.207</b>	<b>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*;</b>	R99	current version: Document 3: Implementors' test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0 SP-000630								
					<a href="#">get it</a>	remarks - general:	ex SAGE		
						remarks - this release:	.TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4		
<b>TS 35.208</b>	<b>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*;</b>	R99	current version: Document 4: Design conformance test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0 SP-000630								
					<a href="#">get it</a>	remarks - general:	ex SAGE		
						remarks - this release:	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4		
<b>TS 35.209</b>	<b>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*;</b>	R99	current version: Document 5: Summary and results of design and evaluation	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-11			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-11 3 . 0 . 0								
						remarks - general:	ex SAGE		
						remarks - this release:	This turns out to be a report, so -> 35.909.		

G = required in systems with GERAN access; U = required in systems with UMTS

## UMTS

UMTS 00 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](http://www.3gpp.org/ftp/Specs/archive/00_series)

---

<b>TR 00.01U</b>	<b>Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)</b>				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-03 18/11/1994 3 . 0 . 0			<i>remarks - this release:</i> .	
	smg-18 21/05/1996 3 . 1 . 0				
	smg-19 04/09/1996 3 . 2 . 0				

---

<b>TR 00.02U</b>	<b>Coordination guideline for SMG on UMTS with respect to ITU and European research programmes</b>				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-05 23/08/1993 3 . 0 . 0			<i>remarks - this release:</i> .	

---

UMTS 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TR 01.03U</b>	<b>UMTS system requirements</b>				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> RICHARDS, Derek	Megisto Systems Inc.
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> ETSI ETR 291 withdrawn.	
	ETSI publication 15/05/1996 3 . 1 . 0 withdrawn			<i>remarks - this release:</i> ETSI ETR 291, withdrawn.	

---

# 3GPP specification status

Page 820

02 December 2002 20:54:03

Server WITHDRAWN specs UMTS 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

**TS 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)**

UMTS *current version:* none *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
smg-19 28/09/1996 3 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

---

**TR 01.05U System design methodology for the UMTS**

UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* VACANT,  
*freeze\_meeting:* *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
draft 05/03/1997 1 . 0 . 0 *remarks - general:*  
*remarks - this release:* .

---

UMTS 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.01U Framework for services to be supported by UMTS**

UMTS *current version:* none *WG (prime / other):* / *rapporteur:* ,  
*freeze\_meeting:* *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
Suspended 10/04/1996 3 . 0 . 0 *remarks - general:*  
animation *remarks - this release:* .

---

UMTS 21 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

**TR 21.01U Overall requirements on the radio interface(s) of the UMTS**

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories  
*freeze\_meeting:* *G:* *U:* *MCC:* USAI, Paulino  
*history (event, available, version,*  
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*  
ETSI publication 28/11/1997 3 . 0 . 1 *remarks - this release:*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 821

02 December 2002 20:54:03

Server WITHDRAWN specs UMTS 21 .- series  
[http://www.3gpp.org/ftp/Specs/archive/21\\_series](http://www.3gpp.org/ftp/Specs/archive/21_series)

---

<b>TR 21.02U</b>	<b>High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	ANDERSEN, Niels MOTOROLA A/S
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	USAI, Paolino
	smg-22 13/06/1997 3 . 0 . 0				
	ETSI publication 03/11/1998 3 . 0 . 1				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

---

<b>TS 21.04U</b>	<b>Requirements for the support of data services in UMTS</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	HOLLEY, Kevin mm02 plc
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
	draft 17/01/2000 1 . 0 . 0				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	#26: 0.0.2 or perhaps as 1.0.0

---

<b>TR 21.06U</b>	<b>O&amp;M requirements for the UMTS</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	WEICHSELBAUM, Vodafone D2 GmbH
	<i>freeze_meeting:</i>				Steffen
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	,
	First complete 19/10/1997 1 . 0 . 0				
	Milestone 1 19/12/1997 1 . 1 . 2				
	WG approval 17/02/1997 2 . 0 . 0				
	smg-25 20/03/1998 3 . 0 . 0				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

---

UMTS **22** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.00U</b>	<b>UMTS Phase 1</b>				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	VERRIER, David France Telecom
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
	smg-27 1 . 0 . 0				
	draft 24/11/1998 1 . 3 . 0				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 822

02 December 2002 20:54:04

Server WITHDRAWN specs UMTS 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

<b>TS 22.01U</b>	<b>Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>					
	smg-21		3 . 0 . 0			<i>remarks - general:</i>
	smg-22		3 . 1 . 0			<i>remarks - this release:</i>
	smg-24		3 . 2 . 1			
	smg-27 17/10/1998		3 . 3 . 0			
<b>TS 22.05U</b>	<b>Services and service capabilities</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	PUGA PEREIRA, Emmanuel	France Telecom
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>					
	smg-25		3 . 0 . 0			<i>remarks - general:</i>
	smg-26 01/07/1998		3 . 1 . 0			<i>remarks - this release:</i>
<b>TR 22.07U</b>	<b>UMTS terminal and smart card concepts</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	SMOLANDER, Jouni	NOKIA Corporation
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>					
	smg-25		3 . 0 . 0			<i>remarks - general:</i>
	smg-27		3 . 1 . 0			<i>remarks - this release:</i>
	edito 29/10/1998		3 . 1 . 1			
<b>TS 22.21U</b>	<b>Virtual Home Environment</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<b>TS 22.24U</b>	<b>Charging and Accounting Mechanism</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	CHAMBERS, David	MOTOROLA Ltd
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,	
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998		3 . 0 . 0			<i>remarks - general:</i>
						<i>remarks - this release:</i> #25: 3.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 823

02 December 2002 20:54:04

Server WITHDRAWN specs UMTS 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

**TS 22.25U Quality of Service (QoS) and network performance**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-25 28/05/1998 3 . 1 . 0

*WG (prime / other):* - / - *rapporteur:* TIAINEN, Seppo  
*G:* *U:* *MCC:* ,

SONERA Corporation

*remarks - general:*  
*remarks - this release:* #25: 3.1.0

---

**TS 22.29U Handover Requirements between UMTS and GSM or other RadioSystems**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* - / - *rapporteur:* COOPER, David  
*G:* *U:* *MCC:* ,

Telecom Modus Limited

*remarks - general:*  
*remarks - this release:* .

---

**TS 22.30U Service requirements on security**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

**TS 22.35U Service requirements on numbering, addressing and identities**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

**TS 22.40U Charging, billing and accounting principles**

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 824

02 December 2002 20:54:04

Server WITHDRAWN specs UMTS 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.45U</b>	<b>Human Factors,service principles and their application to UMTS</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	/	rapporteur:	,	
	<i>freeze_meeting:</i>	G:	U:	MCC:		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 22.50U</b>	<b>Subscriber and service profile requirements</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	/	rapporteur:	,	
	<i>freeze_meeting:</i>	G:	U:	MCC:		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 22.55U</b>	<b>UMTS user identity modules</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	/	rapporteur:	,	
	<i>freeze_meeting:</i>	G:	U:	MCC:		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
<b>TS 22.60U</b>	<b>Mobile multimedia services including mobile Intranet and Internet services</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	rapporteur:	AHNBERG, Tomas	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G:	U:	MCC:	,	
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998 3 . 0 . 0					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> #25: 3.0.0
<hr/>						
<b>TS 22.70U</b>	<b>Virtual Home Environment</b>					
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	rapporteur:	OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i>	G:	U:	MCC:	,	
	<i>history (event, available, version,</i>					
	smg-25 28/05/2001 3 . 0 . 0					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> #25: 3.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 825

02 December 2002 20:54:04

Server WITHDRAWN specs UMTS 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

<b>TS 22.71U</b>	<b>Service aspects; Automatic Establishment of Roaming Relationships</b>				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	
	<i>freeze_meeting:</i>	G:	U:	MCC:	,
	<i>history (event, available, version,</i>				
	smg-25	3	. 0	. 0	
	smg-27 17/10/1998	3	. 0	. 1	
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	#25: 3.0.0 #27: 3.0.1
<hr/>					
<b>TS 22.72U</b>	<b>Real Time Multimedia in UMTS</b>				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	FISCHER, Ralf
	<i>freeze_meeting:</i>	G:	U:	MCC:	,
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.
<hr/>					
<b>TS 22.75U</b>	<b>Service aspects; Advanced addressing</b>				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	KLEIER, Stephan
	<i>freeze_meeting:</i>	G:	U:	MCC:	,
	<i>history (event, available, version,</i>				
	smg-25	2	. 0	. 0	
	smg-27 17/10/1998	3	. 0	. 0	
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	#25: 2.0.0 #27: 3.0.0
<hr/>					
<b>TR 22.80U</b>	<b>UMTS Relationship to other Standards</b>				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	AXERUD, Bo
	<i>freeze_meeting:</i>	G:	U:	MCC:	,
	<i>history (event, available, version,</i>				
	First complete 19/10/1997	1	. 0	. 2	
	WG approval 07/11/1997	2	. 0	. 0	
	Under TB change 20/03/1998	2	. 0	. 1	
	control.				
	Milestone 1 19/12/1997	2	. 0	. 1	
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	#24: 2.0.1

---

UMTS **23** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 826

02 December 2002 20:54:04

Server WITHDRAWN specs UMTS 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

<b>TS 23.01U</b>	<b>UMTS Network principles</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
<i>history (event, available, version,</i>					
smg-27 24/02/1999	3 . 0 . 0				
		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OLSSON, Magnus		Telefon AB LM Ericsson
		<i>G:</i> <i>U:</i>	<i>MCC:</i> ,		
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> #27: for info	
<hr/>					
<b>TS 23.05U</b>	<b>UMTS Network principles</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> ,		
		<i>G:</i> <i>U:</i>	<i>MCC:</i> ,		
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
<b>TS 23.10U</b>	<b>UMTS Access Stratum; Services and Functions</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
<i>history (event, available, version,</i>					
smg-27 24/02/1999	3 . 0 . 0				
		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar		T-MOBILE DEUTSCHLAND
		<i>G:</i> <i>U:</i>	<i>MCC:</i> ,		
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> #27: for info	
<hr/>					
<b>TS 23.20U</b>	<b>Evolution of the GSM platform towards UMTS</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
<i>history (event, available, version,</i>					
smg-27	1 . 0 . 0				
		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> JARVIS, Andre		Hutchison 3G UK Limited
		<i>G:</i> <i>U:</i>	<i>MCC:</i> SULTAN, Alain		
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> #27: for info	
<hr/>					
<b>TS 23.40U</b>	<b>UMTS Network Aspects; Relationship with UPT</b>				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
<i>history (event, available, version,</i>					
		<i>WG (prime / other):</i> /	<i>rapporteur:</i> ,		
		<i>G:</i> <i>U:</i>	<i>MCC:</i>		
				<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 827

02 December 2002 20:54:05

Server WITHDRAWN specs UMTS 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TS 23.50U UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
  
*remarks - general:*  
*remarks - this release: .*

---

**TS 23.60U UMTS Network Aspects; UMTS data organization**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
  
*remarks - general:*  
*remarks - this release: .*

---

**TS 23.70U UMTS Network Aspects; UMTS operations and procedures**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
  
*remarks - general:*  
*remarks - this release: .*

---

**TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
  
*remarks - general:*  
*remarks - this release: .*

---

**TS 23.90U UMTS Network Aspects; Network performance requirements**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*  
  
*remarks - general:*  
*remarks - this release: .*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 828

02 December 2002 20:54:05

Server WITHDRAWN specs UMTS 23 .- series  
[http://www.3gpp.org/ftp/Specs/archive/23\\_series](http://www.3gpp.org/ftp/Specs/archive/23_series)

---

**TS 23.95U UMTS Network Aspects; Network functions relevant to satellites**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release: .*

---

UMTS 24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](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: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release: .*

---

UMTS 25 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

**TS 25.05U UMTS Radio Aspects; Multiplexing and multiple access**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release: .*

---

---

**TS 25.10U UMTS Radio Aspects; Channel coding**  
UMTS *current version: none* WG (prime / other): / rapporteur: ,  
*freeze\_meeting:* G: U: MCC:  
*history (event, available, version,*

*remarks - general:*  
*remarks - this release: .*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 829

02 December 2002 20:54:05

Server WITHDRAWN specs UMTS 25 .- series  
[http://www.3gpp.org/ftp/Specs/archive/25\\_series](http://www.3gpp.org/ftp/Specs/archive/25_series)

---

## TS 25.15U UMTS Radio Aspects; Modulation

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

## TS 25.20U UMTS Radio Aspects; Transmission and reception

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* yes *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

UMTS 26 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/26\\_series](http://www.3gpp.org/ftp/Specs/archive/26_series)

---

## TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

UMTS 27 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

---

## TR 27.00U Principles for handling of data services in the UMTS

UMTS *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
First complete 01/05/1996 1 . 2 . 1

*WG (prime / other):* S5 / - *rapporteur:* GABE, Axel SIEMENS AG  
*G:* *U:* *MCC:* ZOICAS, Adrian

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 830

02 December 2002 20:54:05

Server WITHDRAWN specs UMTS 27 .- series  
[http://www.3gpp.org/ftp/Specs/archive/27\\_series](http://www.3gpp.org/ftp/Specs/archive/27_series)

UMTS 30 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.00U SMG - UMTS Work programme**  
UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.  
*freeze\_meeting:* *G:* *U:* *MCC:* ,  
*history (event, available, version,*  
smg-21 3 . 0 . 0 *remarks - general:*  
smg-22 3 . 1 . 0 *remarks - this release:* #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1  
smg-23 3 . 2 . 0  
smg-24 3 . 3 . 0  
smg-25 3 . 4 . 0  
smg-26 07/07/1998 3 . 5 . 0  
smg-27 3 . 6 . 1

---

**TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS**  
UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.  
*freeze\_meeting:* *G:* *U:* *MCC:* ,  
*history (event, available, version,*  
smg-22 3 . 0 . 0 *remarks - general:*  
smg-23 3 . 1 . 0 *remarks - this release:* #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1  
smg-24 3 . 2 . 0  
smg-25 07/07/1998 3 . 3 . 0  
smg-26 3 . 4 . 0  
post smg-27 08/08/2002 3 . 5 . 1

---

**TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation**  
UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*  
*freeze\_meeting:* *G:* *U:* *MCC:* ,  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 831

02 December 2002 20:54:05

Server WITHDRAWN specs UMTS 30 .- series  
[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS**

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL CIT  
*freeze\_meeting:* G: U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
TC change control 13/06/1997 3 . 0 . 0 *remarks - general:*  
smg-23 17/10/1997 3 . 1 . 0 *remarks - this release:* #23: 3.1.0 #25: 3.2.0  
smg-25 20/03/1998 3 . 2 . 0

---

**TR 30.04U Definition of the limited number of UTRA concepts**

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S  
*freeze\_meeting:* G: U: *MCC:* Peter Skov  
*history (event, available, version,*  
First complete 01/06/1997 1 . 0 . 0 *remarks - general:*  
smg-22 14/06/1997 3 . 0 . 0 *remarks - this release:* #22: 3.0.0  
ETSI publication 03/11/1998 3 . 0 . 1

---

**TR 30.05U UMTS terminology**

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*  
*freeze\_meeting:* G: U: *MCC:* ,  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

**TR 30.06U UTRA Concept Evaluation Reports**

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.  
*freeze\_meeting:* G: U: *MCC:* USAI, Paolino  
*history (event, available, version,*  
First complete 01/12/1997 1 . 0 . 0 *remarks - general:*  
smg-24 15/12/1997 3 . 0 . 0 *remarks - this release:* #24: 3.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 832

02 December 2002 20:54:05

Server WITHDRAWN specs UMTS 30 .- series  
[http://www.3gpp.org/ftp/Specs/archive/30\\_series](http://www.3gpp.org/ftp/Specs/archive/30_series)

---

**TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS**

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION  
*freeze\_meeting:* G: U: MCC: ,

*history (event, available, version,*  
Creation of WI by 13/06/1997 2 . 0 . 0 *remarks - general:*  
WG/TB *remarks - this release:* #24: 3.1.0  
TB approval 30/08/1997 3 . 0 . 0  
smg-24 19/12/1997 3 . 1 . 0

---

UMTS **32** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/32\\_series](http://www.3gpp.org/ftp/Specs/archive/32_series)

---

**TR 32.01U Overall principles of the OAM for the UMTS**

UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* SZELAZEK, Bill Hutchison 3G UK Limited  
*freeze\_meeting:* G: U: yes MCC: SULTAN, Alain

*history (event, available, version,*  
smg-22 1 . 0 . 0 *remarks - general:*  
*remarks - this release:* No progress since SMG#22.

---

UMTS **33** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

---

**TR 33.20U Security principles for the UMTS**

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* ,  
*freeze\_meeting:* G: U: MCC: ,

*history (event, available, version,*  
smg-19 13/06/1997 3 . 0 . 0 *remarks - general:*  
*remarks - this release:* #19: 3.0.0

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 833

02 December 2002 20:54:06

Server WITHDRAWN specs UMTS 33 .- series  
[http://www.3gpp.org/ftp/Specs/archive/33\\_series](http://www.3gpp.org/ftp/Specs/archive/33_series)

## TS 33.21U Security requirements

UMTS *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 16/07/1998 0 . 1 . 0  
draft 22/07/1998 0 . 1 . 1  
draft 31/07/1998 0 . 1 . 2  
smg-27 31/07/1998 1 . 0 . 0  
draft 05/10/1998 1 . 0 . 1  
draft 19/10/1998 1 . 0 . 2  
draft 31/10/1998 1 . 0 . 3  
draft 20/11/1998 1 . 0 . 4  
draft 27/02/1999 1 . 1 . 0  
smg-28 27/02/1999 2 . 0 . 0  
smg-28 3 . 0 . 0  
smg-27 21/02/1999 3 . 0 . 0

WG (prime / other): - / - rapporteur:  
G: U: MCC: ,  
*remarks - general:*  
*remarks - this release: #27: for info*

## R98

R98 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](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*  
*history (event, available, version,*  
smg-27 16/10/1998 0 . 1 . 0  
smg-28 12/02/1999 7 . 0 . 0  
smg-29 25/06/1999 7 . 1 . 0  
smg-30 11/11/1999 7 . 2 . 0

WG (prime / other): SP / - rapporteur: BERGMANN, Ansgar Deutsche Telekom AG  
G: yes U: MCC: POPE, Maurice  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:*  
[get it](#)  
[get it](#)  
SP-15: withdrawn since SMG and PT-SMG no longer exist.

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 834

02 December 2002 20:54:06

Server WITHDRAWN specs R98 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

R98 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

**TS 02.38 SIM application toolkit (SAT); Stage 1**

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version,*

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited  
*G:* yes *U:* *MCC:* CLAYTON, Michael

*remarks - general:* Moved from T3 Jan-00.  
*remarks - this release:* Place holder - no spec.

R98 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

**TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version,*  
TP-09 withdrawn 04/10/2000 7 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G:* yes *U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

R98 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

**TS 04.33 Lawful interception; Stage 3**

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.  
*G:* yes *U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 835

02 December 2002 20:54:06

Server WITHDRAWN specs R98 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

<b>TS 04.53</b>	<b>Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3</b>				
R98	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> ,		
	<i>history (event, available, version,</i>				
	draft 14/03/1997	0 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	replaced by 08.62
	draft 16/02/1998	1 . 0 . 0	<a href="#">get it</a>	<i>remarks - this release:</i>	#25: 1.0.0 for info #27: 1.6.0 for info
	draft 27/03/1998	1 . 1 . 0	<a href="#">get it</a>		
	draft 13/07/1998	1 . 2 . 1	<a href="#">get it</a>		
	draft 31/07/1998	1 . 3 . 0	<a href="#">get it</a>		
	draft 17/09/1998	1 . 3 . 5	<a href="#">get it</a>		
	draft 18/09/1998	1 . 4 . 0	<a href="#">get it</a>		
	draft 28/09/1998	1 . 5 . 0	<a href="#">get it</a>		
	draft 05/10/1998	1 . 6 . 0	<a href="#">get it</a>		

---

R98 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

<b>TR 10.57</b>	<b>Project scheduling and open issues: Mobile Station Execution Environment (MExE)</b>				
R98	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-26 26/06/1998	7 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>	TSG#9:withdrawn cos contains misleading information/references
		withdrawn SP-09		<i>remarks - this release:</i>	TSG#9:withdrawn cos contains misleading information/references

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 836

02 December 2002 20:54:06

Server WITHDRAWN specs R98 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.71 Project scheduling and open issues: Location services (LCS)

R98 *current version:* none  
*freeze\_meeting:* smg-29

WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)  
G: yes U: *MCC:* CLAYTON, Michael

*history (event, available, version,*

Maui	17/01/1999	0	.	0	.	0
Maui	20/01/1999	0	.	0	.	1
Chicago	31/01/1999	0	.	0	.	2
Chicago	04/02/1999	1	.	0	.	0
Cambridge	10/06/1999	2	.	0	.	0
Dallas	09/07/1999	2	.	0	.	1
San Diego	21/07/1999	2	.	0	.	2
Dallas	03/09/1999	2	.	0	.	3
King of Prussia	14/09/1999	2	.	0	.	4
Phoenix &	30/10/1999	2	.	0	.	5
Clearwater						
Raleigh	03/11/1999	2	.	0	.	6
smg-30	11/11/1999	2	.	0	.	6
Phoenix	29/11/1999	2	.	0	.	7
smg-30 bis	06/12/1999	2	.	0	.	7
Colorado Spring	03/01/2000	2	.	0	.	8
Dallas	05/01/2000	2	.	0	.	9
smg-31	24/01/2001	2	.	1	.	0
Puerto Vallarta	26/01/2000	3	.	0	.	0
smg-29	25/06/1999	7	.	0	.	0

[get it](#)

*remarks - general:*

[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.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 837

02 December 2002 20:54:07

Server WITHDRAWN specs R98 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

## TS 10.78 Project scheduling and open issues: CAMEL

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version,*  
draft 08/02/1997 0 . 0 . 0  
draft 24/03/1997 0 . 1 . 0  
draft 27/03/1997 0 . 1 . 1  
draft 09/04/1997 0 . 1 . 2  
draft 07/05/1997 0 . 2 . 0  
smg-22 10/06/1997 1 . 0 . 0  
draft 19/06/1997 1 . 1 . 0  
draft 09/07/1997 1 . 2 . 0  
draft 10/09/1997 1 . 3 . 0  
smg-23 10/10/1997 1 . 3 . 2  
draft 22/10/1997 1 . 4 . 0  
draft 02/12/1997 1 . 5 . 0  
draft 04/06/1998 1 . 6 . 0  
smg-25 10/03/1998 1 . 6 . 0 abandoned

*WG (prime / other):* S2 / - *rapporteur:* APRATH, Stefan  
*G: yes U:* *MCC:* SULTAN, Alain

Vodafone D2 GmbH

[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,*

*WG (prime / other):* S2 / GP *rapporteur:* CONRAD, Alan  
*G: yes U:* *MCC:* SULTAN, Alain

T-MOBILE DEUTSCHLAND

*remarks - general:*  
*remarks - this release:* No draft ever produced.

## TR 10.94 Follow Me supplementary service

R98 *current version:* none  
*freeze\_meeting:* smg-29  
*history (event, available, version,*

*WG (prime / other):* SP / - *rapporteur:* POSTMANN, Erwin  
*G: yes U:* *MCC:* POPE, Maurice

SIEMENS AG

*remarks - general:*  
*remarks - this release:* No draft ever produced.

R98

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 838

02 December 2002 20:54:07

Server WITHDRAWN specs R98 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R98 *current version:* none *freeze\_meeting:* smg-29  
*WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

**TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

R98 *current version:* none *freeze\_meeting:* smg-29  
*WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

**TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification**

R98 *current version:* none *freeze\_meeting:* smg-29  
*WG (prime / other):* G5 / G4, T3 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version). over this spec

from G5, and to approve a new R99 version not derived from R96

by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.

---

---

## R97

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 839

02 December 2002 20:54:07

Server WITHDRAWN specs R97 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

R97 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

<b>TR 01.00</b>	<b>Working Procedures for SMG and PT SMG</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> SP / - G: yes U:	<i>rapporteur:</i> BERGMANN, Ansgar <i>MCC:</i> POPE, Maurice	Deutsche Telekom AG	
				<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release.	
<b>TR 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / - G: yes U:	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One	
				<i>remarks - general:</i> <i>remarks - this release:</i> No spec this version.	

R97 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / G: yes U:	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One	
				<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release	
<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / G: yes U:	<i>rapporteur:</i> MCKIBBEN, Bernie <i>MCC:</i> POPE, Maurice	MOTOROLA GmbH	
				<i>remarks - general:</i> <i>remarks - this release:</i> (No spec this Release)	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 840

02 December 2002 20:54:07

Server WITHDRAWN specs R97 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.38 SIM application toolkit (SAT); Stage 1**

R97 *current version:* none  
*freeze\_meeting:* smg-26  
*history (event, available, version,*

*WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul  
*G:* yes *U:* *MCC:* CLAYTON, Michael

Research In Motion Limited

*remarks - general:* Moved from T3 Jan-00.  
*remarks - this release:* Place holder - no spec.

---

R97 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* N4 / SPA *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
N/  
T2

*G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* #27: 6.0.0 (To be withdrawn)

---

---

**TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G:* yes *U:* *MCC:* RODERMUND, Friedhelm

*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

---

---

**TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH  
*G:* yes *U:* *MCC:* ,

*history (event, available, version,*  
draft 20/03/1998 0 . 7 . 1

[get it](#) *remarks - general:* Withdrawn since details included in the stage 3 spec.  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 841

02 December 2002 20:54:07

Server WITHDRAWN specs R97 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2**  
R97 *current version: none* WG (prime / other): - / - rapporteur: BAUMANN, Jürgen T-MOBILE DEUTSCHLAND  
*freeze\_meeting: smg-26* G: yes U: MCC: ,  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

---

R97 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.61 General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3**  
R97 *current version: none* WG (prime / other): / rapporteur: LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting: smg-26* G: yes U: MCC:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

---

---

**TS 04.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3**  
R97 *current version: none* WG (prime / other): / rapporteur: LESKE, John SCANDEW PTY Ltd  
*freeze\_meeting: smg-26* G: yes U: MCC:  
*history (event, available, version,*  
Table of Contents 14/11/1996 0 . 2 . 0 [get it](#) *remarks - general:*  
and Scope *remarks - this release: .*

---

R97 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](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:  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: .*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 842

02 December 2002 20:54:07

Server WITHDRAWN specs R97 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

R97 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](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:  
history (event, available, version,  
First complete 15/07/1996 1 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: .

R97 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

**TR 09.90** Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)  
R97 current version: none WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd  
freeze\_meeting: smg-26 G: yes U: MCC: JORGENSEN, Per Johan  
history (event, available, version,  
smg-27 16/10/1998 6 . 0 . 0 [get it](#) remarks - general:  
remarks - this release: #27: 6.0.0 #32: withdrawn

R97 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

**TR 10.01** GSM features and releases  
R97 current version: none WG (prime / other): - / - rapporteur: ,  
freeze\_meeting: smg-26 G: yes U: MCC: ,  
history (event, available, version,  
draft 23/10/1997 0 . 0 . 2 [get it](#) remarks - general: 2001-11-20: stopped - obviously no interest!  
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 843

02 December 2002 20:54:08

Server WITHDRAWN specs R97 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS**

R97 *current version:* none  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-25 20/03/1998 1 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* HEATON, Graham Aether Systems Inc.  
*G: yes U:* *MCC:* ,

[get it](#) *remarks - general:* Scrapped.  
*remarks - this release:* #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

---

**TR 10.20 Lawful Interception requirements for GSM**

R97 *current version:* none  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-27 16/10/1998 6 . 0 . 0

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* POPE, Maurice

[get it](#) *remarks - general:* Replaced by 01.33.  
*remarks - this release:* SMG#27:6.0.0; replaced by 01.33

---

**TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues**

R97 *current version:* none  
*freeze\_meeting:* smg-26  
*history (event, available, version,*  
smg-25 6 . 0 . 0

*WG (prime / other):* S2 / - *rapporteur:*  
*G: yes U:* *MCC:* SULTAN, Alain

*remarks - general:*  
*remarks - this release:*

---

R97 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

R97 *current version:* none  
*freeze\_meeting:* smg-26

*WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED  
NP /  
T2 /  
SCP  
/ G4

*G: yes U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 844

02 December 2002 20:54:08

Server WITHDRAWN specs R97 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)**

R97 *current version:* none *freeze\_meeting:* smg-26  
*WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5.  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version).

---

**TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification**

R97 *current version:* none *freeze\_meeting:* smg-26  
*WG (prime / other):* G5 / G4, T3 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

*G:* yes *U:* *MCC:* SALMERON, Lidia

*history (event, available, version,*

*remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take  
*remarks - this release:* Place holder; no draft ever produced (refer to Phase 2 version). over this spec

from G5, and to approve a new R99 version not derived from R96

by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.

---

**TS 11.56 CTS phase 1, CTS Fixed Part Tests**

R97 *current version:* none *freeze\_meeting:* smg-26  
*WG (prime / other):* - / - *rapporteur:* MATTISSON, Leif Telefon AB LM Ericsson

*G:* yes *U:* *MCC:* ,

*history (event, available, version,*

*remarks - general:*  
*remarks - this release:* .

---

R97 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 845

02 December 2002 20:54:08

Server WITHDRAWN specs R97 12 .- series  
[http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

<b>TS 12.03</b> R97	<b>Security Management</b> <i>current version: none</i> <i>freeze_meeting: smg-26</i>	<i>WG (prime / other):</i> S5 / S1 / NP <i>rapporteur:</i> TRUSS, Michael <i>G: yes U:</i> MCC: ZOICAS, Adrian	MOTOROLA Ltd
<i>history (event, available, version,</i>		<i>remarks - general:</i> <i>remarks - this release:</i> No spec.	

---

<b>TS 12.04</b> R97	<b>Performance data measurements</b> <i>current version: none</i> <i>freeze_meeting: smg-26</i>	<i>WG (prime / other):</i> S5 / S1 / NP <i>rapporteur:</i> TOCHE, Christian <i>G: yes U:</i> MCC: ZOICAS, Adrian	NORTEL NETWORKS (EUROPE)
<i>history (event, available, version,</i>		<i>remarks - general:</i> <i>remarks - this release:</i> No spec.	

---

---

## R96

R96 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TR 01.00</b> R96	<b>Working Procedures for SMG and PT SMG</b> <i>current version: none</i> <i>freeze_meeting: smg-22</i>	<i>WG (prime / other):</i> SP / - <i>G: yes U:</i>	<i>rapporteur:</i> BERGMANN, Ansgar <i>MCC:</i> POPE, Maurice	Deutsche Telekom AG
<i>history (event, available, version,</i>		<i>remarks - general:</i> <i>remarks - this release:</i>		
smg-17	02/02/1996	5 . 0 . 0	<a href="#">get it</a>	
smg-19	28/06/1996	5 . 1 . 0	<a href="#">get it</a>	
smg-25	20/03/1998	5 . 2 . 0	<a href="#">get it</a>	SP-15: withdrawn since SMG and PT-SMG no longer exist.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 846

02 December 2002 20:54:08

Server WITHDRAWN specs R96 01 .- series  
[http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

---

<b>TR 01.31</b>	<b>Fraud Information Gathering System (FIGS); Service requirements; Stage 0</b>					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version,</i> smg-23 17/10/1997 5 . 0 . 0 withdrawn, smg-25	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> #25: withdrawn			
<hr/>						
<b>TR 01.50</b>	<b>Radio Local Loop (RLL) using GSM</b>					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> SMG /	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>history (event, available, version,</i> draft 07/11/1995 1 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
		<a href="#">get it</a>	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TR 01.51</b>	<b>Dual mode of operation and roaming</b>					
R96	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> VACANT,			
	<i>history (event, available, version,</i> smg-23	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
<b>TS 01.61</b>	<b>General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements</b>					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc	
	<i>history (event, available, version,</i> smg-23 5 . 0 . 0 SMG-25 withdrawn	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice			
			<i>remarks - general:</i> <i>remarks - this release:</i> #25: withdrawn			
<hr/>						
<b>TS 01.78</b>	<b>Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0</b>					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> / -	<i>rapporteur:</i>			
	<i>history (event, available, version,</i> smg-23	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 847

02 December 2002 20:54:08

Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

R96 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

<b>TS 02.18</b>	<b>Interworking with non-GSM applications on the SIM to be accessed via the GSM network</b>				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: SCHMIDT, Günter MCC:	DETEMOBIL GMBH
				remarks - general: remarks - this release: .	
<b>TS 02.25</b>	<b>GSM - DCS roaming: Requirements and Stage 1 descriptions</b>				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: LE ROUX, Alain MCC:	France Telecom
				remarks - general: remarks - this release: .	
<b>TS 02.26</b>	<b>Operation of multi-band GSM/DCS 1800 network by a single operator</b>				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: LJUNGGREN, Tommy MCC:	Northstream AB
				remarks - general: remarks - this release: .	
<b>TS 02.27</b>	<b>DECT access to GSM networks</b>				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: CONRAD, Alan MCC:	T-MOBILE DEUTSCHLAND
				remarks - general: remarks - this release: .	
<b>TS 02.28</b>	<b>UPT phase 1</b>				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): G: yes U:	/	rapporteur: KOSYDAR, L MCC:	Indicate persons who left Company and wait for new One
				remarks - general: remarks - this release: .	

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 848

02 December 2002 20:54:08

Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.29</b>	<b>Inter operation with UPT phase 2</b>					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> /	<i>rapporteur:</i> TÖPFER, Armin	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 02.31</b>	<b>Fraud Information Gathering System (FIGS); Service description; Stage 1</b>					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
	draft 13/05/1997 1 . 0 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #23: 5.0.0 #26:5.0.0 withdrawn		
	draft 01/10/1997 2 . 0 . 0		<a href="#">get it</a>			
	smg-23 17/10/1997 5 . 0 . 0 withdrawn		<a href="#">get it</a>			
<hr/>						
<b>TS 02.33</b>	<b>Lawful Interception (LI); Stage 1</b>					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
	smg-19 1 . 0 . 0			<i>remarks - this release:</i>		
	smg-20 2 . 0 . 0					
	smg-20 11/10/1996 5 . 0 . 0 withdrawn SMG-25		<a href="#">get it</a>			
<hr/>						
<b>TS 02.35</b>	<b>Universal access to freephone numbers; Stage 1</b>					
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:		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
<b>TS 02.36</b>	<b>Premium rate services; Stage 1</b>					
R96	<i>current version:</i> none		<i>WG (prime / other):</i> /	<i>rapporteur:</i> TÖPFER, Armin	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 849

02 December 2002 20:54:08

Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.37</b>	<b>ISDN based DECT/GSM Interworking</b>				
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:	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
<hr/>					
<b>TS 02.38</b>	<b>SIM application toolkit (SAT); Stage 1</b>				
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,</i>			<i>remarks - general:</i>	Moved from T3 Jan-00.
	smg-29	1 . 0 . 0		<i>remarks - this release:</i>	
<hr/>					
<b>TS 02.53</b>	<b>Tandem Free Operation (TFO); Service description; Stage 1</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S4	/	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-22	G: yes U:		MCC:	USAI, Paolino
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	SMG11->S4 at SMG#30
	smg-23	5 . 0 . 0		<i>remarks - this release:</i>	
	smg-24	5 . 1 . 0	withdrawn SMG-25		
<hr/>					
<b>TS 02.60</b>	<b>General Packet Radio Service Stage 1 Description</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1	/ -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited
	<i>freeze_meeting:</i> smg-22	G: yes U:		MCC:	CLAYTON, Michael
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-21 14/02/1997	5 . 0 . 0		<i>remarks - this release:</i>	#21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn
	smg-23 17/10/1997	5 . 1 . 0			
	smg-24 19/12/1997	5 . 2 . 0			
<hr/>					
<b>TS 02.66</b>	<b>Support of Mobile Number Portability (MNP); Service description; Stage 1</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1	/ -	<i>rapporteur:</i> VACANT,	
	<i>freeze_meeting:</i> smg-22	G: yes U:		MCC:	CLAYTON, Michael
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-24 19/12/1997	5 . 0 . 0		<i>remarks - this release:</i>	#24: 5.0.0 @25: withdrawn

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 850

02 December 2002 20:54:09

Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.72</b>	<b>Call Deflection Service description, Stage 1</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-19 28/06/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #19: 5.0.0 #25: withdrawn		
<hr/>					
<b>TS 02.73</b>	<b>Malicious Call Identification (MCID) - stage 1</b>				
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>		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 02.77</b>	<b>Emergency call TS12 with additional data transfer</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
<b>TS 02.87</b>	<b>User-to-User Signalling (UUS) Service Description; Stage 1</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-18 12/04/1996 5 . 0 . 0	<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	<a href="#">get it</a>	<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn		
	smg-21 14/02/1997 5 . 2 . 0	<a href="#">get it</a>			
	edito 19/01/1996 5 . 2 . 1	<a href="#">get it</a>			
	smg-23 17/10/1997 5 . 3 . 0	<a href="#">get it</a>			
<hr/>					
<b>TS 02.92</b>	<b>Call Forward Enhancements (CFE) - Stage 1 description</b>				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> RENAUD, Nicolas	GEMPLUS Card International	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 851

02 December 2002 20:54:09

Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.93</b>	<b>Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1</b>					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-16	5 . 0 . 0			<i>remarks - general:</i>	
	smg-19	5 . 1 . 0			<i>remarks - this release:</i> #16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn	
	smg-20	5 . 2 . 0				
	smg-22	5 . 3 . 0				
	smg-23	5 . 4 . 0				
	smg-24	5 . 5 . 0				

---

<b>TS 02.96</b>	<b>Name Identification Supplementary Services; Stage 1</b>					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-24	5 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i> #24: 5.0.0 #25: withdrawn	

---

<b>TS 02.97</b>	<b>Multiple Subscriber Profile (MSP) Service description, Stage 1</b>					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-19 28/06/1996	5 . 0 . 0	<a href="#">get it</a>		<i>remarks - general:</i>	
	smg-22 13/06/1997	5 . 1 . 0	<a href="#">get it</a>		<i>remarks - this release:</i> #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn	
	ETSI publication 15/09/1997	5 . 1 . 1	<a href="#">get it</a>			
	smg-23 17/10/1997	5 . 2 . 0	<a href="#">get it</a>			

---

<b>TS 02.98</b>	<b>New barring services; Stage 1</b>					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> SCHMIDT, Günter	DETEMOBIL GMBH		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>			
	<i>history (event, available, version,</i>				<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 852

02 December 2002 20:54:09

Server WITHDRAWN specs R96 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

**TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* CHAPMAN, Neil  
*G: yes U:* *MCC:*

ORANGE PCS LTD

*remarks - general:*  
*remarks - this release:* .

---

R96 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* N4 / SPA *rapporteur:* KYMALAINEN, Kimmo  
N /  
T2

SONERA Corporation

*G: yes U:* *MCC:* KYMALAINEN, Kimmo

*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0

[get it](#) *remarks - general:*  
*remarks - this release:* #20: 5.0.0 (To be withdrawn)

---

---

**TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2**

R96 *current version:* none  
*freeze\_meeting:* smg-22

*WG (prime / other):* / *rapporteur:* APRATH, Stefan  
*G: yes U:* *MCC:*

Vodafone D2 GmbH

*history (event, available, version,*  
Table of Contents 01/09/1996 0 . 4 . 0  
and Scope

[get it](#) *remarks - general:*  
*remarks - this release:* .

---

---

**TS 03.36 Premium rate services- stage 2**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* TÖPFER, Armin  
*G: yes U:* *MCC:*

Vodafone D2 GmbH

*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 853

02 December 2002 20:54:09

Server WITHDRAWN specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)**  
R96 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm  
*history (event, available, version,*  
TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - this release:* #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references

---

**TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2**  
R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* SULTAN, Alain  
*history (event, available, version,*  
smg-23 5 . 0 . 0 *remarks - general:*  
smg-24 5 . 1 . 0 *remarks - this release:* .  
smg-25 5 . 2 . 0  
smg-25 5 . 3 . 0 withdrawn, SMG-25

---

**TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2**  
R96 *current version:* none *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* USAI, Paolino  
*history (event, available, version,*  
smg-23 5 . 1 . 0 *remarks - general:*  
smg-24 5 . 2 . 0 withdrawn SMG-25 *remarks - this release:* .

---

**TS 03.94 Follow Me Service description; Stage 2**  
R96 *current version:* none *WG (prime / other):* - / - *rapporteur:* WIEHE, Ulrich SIEMENS AG  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* ,  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 03.95 Support of Private Numbering Plan (SPNP); Stage 2**  
R96 *current version:* none *WG (prime / other):* / *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* Scrapped Jan 98.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 854

02 December 2002 20:54:09

Server WITHDRAWN specs R96 03 .- series  
[http://www.3gpp.org/ftp/Specs/archive/03\\_series](http://www.3gpp.org/ftp/Specs/archive/03_series)

---

**TS 03.98 New barring services; Stage 2 description**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.  
*G: yes U:* *MCC:* ,

*remarks - general:*  
*remarks - this release:* .

---

**TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*

*WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.  
*G: yes U:* *MCC:* ,

*remarks - general:*  
*remarks - this release:* .

---

R96 04 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.36 Premium rate services- stage 3**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* TÖPFER, Armin Vodafone D2 GmbH  
*G: yes U:* *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

**TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-23 17/10/1997 5 . 0 . 0  
smg-24 19/12/1997 5 . 1 . 0

*WG (prime / other):* N1 / - *rapporteur:* SALKINTZIS, Apostolis MOTOROLA GmbH  
*G: yes U:* *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #25: withdrawn

---

G = required in systems with GERAN acces; U = required in systems with UMTS



# 3GPP specification status

Page 855

02 December 2002 20:54:10

Server WITHDRAWN specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)**  
R96 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* SALKINTZIS, Apostolis MOTOROLA GmbH  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:* JORGENSEN, Per Johan  
*history (event, available, version,*  
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.  
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25:withdrawn

---

**TS 04.70 Payphone services- stage 3**  
R96 *current version:* none *WG (prime / other):* / *rapporteur:* CLAYTON, Michael EMCOM Ltd  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 04.73 Malicious Call Identification (MCID); Stage 3**  
R96 *current version:* none *WG (prime / other):* / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 04.78 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3**  
R96 *current version:* none *WG (prime / other):* / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

**TS 04.79 Support of optimal routing; Stage 3**  
R96 *current version:* none *WG (prime / other):* / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.  
*freeze\_meeting:* smg-22 *G:* yes *U:* *MCC:*  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 856

02 December 2002 20:54:10

Server WITHDRAWN specs R96 04 .- series  
[http://www.3gpp.org/ftp/Specs/archive/04\\_series](http://www.3gpp.org/ftp/Specs/archive/04_series)

---

**TS 04.98 New barring services; Stage 3**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): / rapporteur: VAN DER AREND, Koninklijke KPN N.V.  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

---

**TS 04.99 Direct subscriber access and restriction; Stage 3**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): / rapporteur: VAN DER AREND, Koninklijke KPN N.V.  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

---

R96 05 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.00 Service to GSM handportables in trains**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): - / rapporteur: VOSKAR, Paul NOKIA UK Ltd  
G: yes U: MCC: ,

remarks - general:  
remarks - this release: .

---

**TS 05.18 Hands free mobile station**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): / rapporteur: ANDERSEN, Niels MOTOROLA A/S  
G: yes U: MCC: Peter Skov

remarks - general:  
remarks - this release: .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 857

02 December 2002 20:54:10

Server WITHDRAWN specs R96 05 .- series  
[http://www.3gpp.org/ftp/Specs/archive/05\\_series](http://www.3gpp.org/ftp/Specs/archive/05_series)

---

**TS 05.19 Service to GSM handportables in trains**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): / rapporteur: WILTSHIRE, Timothy  
G: yes U: MCC: Robin  
Indicate persons who left Company and wait for new One

*remarks - general:*  
*remarks - this release: .*

---

**TR 05.20 Fast moving Mobile Station (study)**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): / rapporteur: REINER, Michaël  
G: yes U: MCC:  
AEG Mobile Communications GmbH (AMC)

*remarks - general:*  
*remarks - this release: .*

---

**TS 05.30 General packet radio service requirements**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): / rapporteur: CONRAD, Alan  
G: yes U: MCC:  
T-MOBILE DEUTSCHLAND

*remarks - general:*  
*remarks - this release: .*

---

R96 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](http://www.3gpp.org/ftp/Specs/archive/07_series)

---

**TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3**  
R96 *current version: none*  
*freeze\_meeting: smg-22*  
*history (event, available, version,*

WG (prime / other): / rapporteur: CANDISH, John  
G: yes U: MCC:  
Xtempus Ltd

*remarks - general:*  
*remarks - this release: .*

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 858

02 December 2002 20:54:10

Server WITHDRAWN specs R96 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

R96 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

<b>TS 08.14</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1</b>
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22
	<i>WG (prime / other):</i> G2 / - <i>rapporteur:</i> ANDERSEN, Niels MOTOROLA A/S Peter Skov <i>G:</i> yes <i>U:</i> <i>MCC:</i> THOMASEN, Gert
<i>history (event, available, version,</i> smg-24 5 . 0 . 0 smg-26: withdrawn	<i>remarks - general:</i> <i>remarks - this release:</i> .

---

<b>TS 08.16</b>	<b>General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service</b>
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22
	<i>WG (prime / other):</i> G2 / - <i>rapporteur:</i> ANDERSEN, Niels MOTOROLA A/S Peter Skov <i>G:</i> yes <i>U:</i> <i>MCC:</i> THOMASEN, Gert
<i>history (event, available, version,</i> smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn	<a href="#">get it</a> <i>remarks - general:</i> <i>remarks - this release:</i> .

---

R96 09 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

<b>TS 09.12</b>	<b>Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling</b>
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22
	<i>WG (prime / other):</i> SPA / N4 <i>rapporteur:</i> HÄNDIG, Peter Telia Mobile AB <i>G:</i> yes <i>U:</i> <i>MCC:</i>
<i>history (event, available, version,</i> draft (ETSI TC 10/11/1997 5 . 2 . 1 SPS) draft (ETSI TC 18/05/1999 5 . 3 . 0 SPS) SPS1 approval 21/05/1999 5 . 3 . 1	<a href="#">get it</a> <i>remarks - general:</i> EN 300 646 <i>remarks - this release:</i> . <a href="#">get it</a> <a href="#">get it</a>

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 859

02 December 2002 20:54:10

Server WITHDRAWN specs R96 09 .- series  
[http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TS 09.20 Support of Shared Data Interworking Function**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:*  
*G: yes U:* *MCC:*

*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  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-24 19/12/1997 5 . 0 . 0

*WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation  
*G: yes U:* *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*  
*remarks - this release:* #24: 5.0.0 #25: withdrawn

---

R96 10 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

**TR 10.20 Lawful Interception requirements for GSM**

R96 *current version:* none  
*freeze\_meeting:* smg-22  
*history (event, available, version,*  
smg-20 11/10/1996 5 . 0 . 0  
ETSI publication 20/01/1997 5 . 0 . 1

*WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH  
*G: yes U:* *MCC:* POPE, Maurice

[get it](#) *remarks - general:* Replaced by 01.33.  
[get it](#) *remarks - this release:* SMG#20:5.0.0

---

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 860

02 December 2002 20:54:10

Server WITHDRAWN specs R96 10 .- series  
[http://www.3gpp.org/ftp/Specs/archive/10\\_series](http://www.3gpp.org/ftp/Specs/archive/10_series)

---

<b>TS 10.60</b>	<b>General Packet Radio Services (GPRS); Project Scheduling and Open Issues</b>						
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i>	SULTAN, Alain		
	<i>history (event, available, version,</i>						
	smg-21 14/02/1997	5 . 0 . 0		<a href="#">get it</a>	<i>remarks - general:</i>		
	smg-22 13/06/1997	5 . 1 . 0		<a href="#">get it</a>	<i>remarks - this release:</i> #25: (5.x.y withdrawn)		
	smg-24 08/10/1997	5 . 2 . 0		<a href="#">get it</a>			
	draft 28/10/1997	5 . 2 . 1		<a href="#">get it</a>			
	draft 10/12/1998	5 . 3 . 0		<a href="#">get it</a>			
	smg-24 20/12/1997	5 . 3 . 1		<a href="#">get it</a>			
	draft 05/02/1998	5 . 3 . 2		<a href="#">get it</a>			
	draft 12/02/1998	5 . 3 . 3		<a href="#">get it</a>			
	draft 15/02/1998	5 . 3 . 4		<a href="#">get it</a>			
	draft 15/03/1998	5 . 3 . 5		<a href="#">get it</a>			
	draft 05/03/1998	5 . 4 . 0		<a href="#">get it</a>			
	smg-25 15/03/1998	5 . 4 . 1		<a href="#">get it</a>			
	draft 06/04/1998	5 . 4 . 2		<a href="#">get it</a>			
<hr/>							
<b>TR 10.66</b>	<b>Support of Mobile Number Portability (MNP); Project plan</b>						
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i>	TARAZI, Roger	EDP Telecom	
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	smg-21	5 . 0 . 0			<i>remarks - general:</i>		
					<i>remarks - this release:</i> .		
<hr/>							
<b>TR 10.68</b>	<b>Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)</b>						
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i>	VAN DER AREND,	Koninklijke KPN N.V.	
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i>	SULTAN, Alain		
	<i>history (event, available, version,</i>						
	smg-21	5 . 0 . 0	abandoned		<i>remarks - general:</i>		
					<i>remarks - this release:</i> May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.		

---

R96

11 .- series

Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

G = required in systems with GERAN access; U = required in systems with UMTS

# 3GPP specification status

Page 861

02 December 2002 20:54:11

Server WITHDRAWN specs R96 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
R96 *current version: none* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED  
*freeze\_meeting: smg-22* NP / T2 / SCP / G4  
G: yes U: MCC: SALMERON, Lidia  
*history (event, available, version,*  
*remarks - general: 2001-11-19: G4->G5.*  
*remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).*

---

**TS 11.12 Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface**  
R96 *current version: none* WG (prime / other): T3 / - / rapporteur: LINDHOLM, Rune NOKIA MOBILE PHONES  
*freeze\_meeting: smg-22* G: yes U: MCC: DIETZE, Claus  
*history (event, available, version,*  
25/01/1996 5 . 0 . 0 SMG-16: withdrawn [get it](#) *remarks - general:*  
*remarks - this release: #16: 5.0.0 withdrawn*

---

R96 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.03 Security Management**  
R96 *current version: none* WG (prime / other): S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd  
*freeze\_meeting: smg-22* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: No spec.*

---

**TS 12.04 Performance data measurements**  
R96 *current version: none* WG (prime / other): S5 / S1 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)  
*freeze\_meeting: smg-22* NP  
G: yes U: MCC: ZOICAS, Adrian  
*history (event, available, version,*  
*remarks - general:*  
*remarks - this release: No spec*

G = required in systems with GERAN acces; U = required in systems with UMTS

## Ph2

Ph2 01 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/01\\_series](http://www.3gpp.org/ftp/Specs/archive/01_series)

### TR 01.05 Definitions

Ph2  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): SP / - rapporteur: VACANT,  
G: yes U: MCC: POPE, Maurice

remarks - general:  
remarks - this release: n.a.

### TS 01.06 Service implementation phases and possible further phases in the GSM PLMN

Ph2  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): / - rapporteur: TWINGLER, Jonas Northstream AB  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

### TS 01.07 Updating procedure for GSM Recommendations

Ph2  
current version: none  
freeze\_meeting:  
history (event, available, version,

WG (prime / other): / - rapporteur: TWINGLER, Jonas Northstream AB  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

Ph2 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)



# 3GPP specification status

Page 863

02 December 2002 20:54:11

Server WITHDRAWN specs Ph2 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

## TS 02.08 Quality of Service (QoS) / GSM system performance

Ph2  
*current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
draft 21/08/1995 0 . 1 . 0  
draft 01/06/1994 4 . 0 . 0

*WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*G: yes U:* *MCC:* ,

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #16: withdrawn

Ph2 03 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/03\\_series](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  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-16 20/10/1995 4 . 0 . 0

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references  
*remarks - this release:* #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

Ph2 07 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/07\\_series](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  
*freeze\_meeting:*  
*history (event, available, version,*  
ETSI publication 13/09/1994 4 . 1 . 2  
ETSI OAP 06/03/1995 4 . 2 . 0  
ETSI publication 01/08/1995 4 . 2 . 1

*WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited  
*G: yes U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn  
[get it](#)

Ph2 08 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 864

02 December 2002 20:54:11

Server WITHDRAWN specs Ph2 08 .- series  
[http://www.3gpp.org/ftp/Specs/archive/08\\_series](http://www.3gpp.org/ftp/Specs/archive/08_series)

---

**TS 08.59 BSC-BTS O&M Signalling Transport**

Ph2 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* G3 / - *rapporteur:* VACANT,  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*  
*remarks - this release:*

---

Ph2 **09** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/09\\_series](http://www.3gpp.org/ftp/Specs/archive/09_series)

---

**TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks**

Ph2 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* TWINGLER, Jonas Northstream AB  
G: yes U: *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

Ph2 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

**TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors**

Ph2 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd  
G: yes U: *MCC:*

*remarks - general:*  
*remarks - this release:* .

---

**TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech**

Ph2 *current version: none*  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* G3 / - *rapporteur:* VACANT,  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*  
*remarks - this release:* (no such spec)

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 865

02 December 2002 20:54:11

Server WITHDRAWN specs Ph2 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

Ph2 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

---

**TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)**

Ph2  
current version: none  
freeze\_meeting:  
history (event, available, version,  
draft 0 . 0 . 0

WG (prime / other): - / - rapporteur:  
G: yes U: MCC: ,

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and  
remarks - this release: . performance management".

---

## Ph1

Ph1 00 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/00\\_series](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:  
history (event, available, version,

WG (prime / other): / rapporteur: ,  
G: yes U: MCC:

remarks - general:  
remarks - this release: .

---

Ph1 02 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 866

02 December 2002 20:54:11

Server WITHDRAWN specs Ph1 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

## TS 02.05 Simultaneous and Alternate Use of Services

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
smg-01 06/05/1992 3 . 0 . 2

*WG (prime / other):* - / *rapporteur:* ,  
*G: yes U:* *MCC:* ,  
[get it](#) *remarks - general:* MoU  
*remarks - this release:* .

---

## TS 02.08 Quality of Service (QoS) / GSM system performance

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*  
25/08/1995 0 . 2 . 0  
06/10/1995 0 . 2 . 1  
10/05/1994 3 . 0 . 0  
10/05/1994 3 . 0 . 1

*WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB  
*G: yes U:* *MCC:* ,  
[get it](#) *remarks - general:*  
[get it](#) *remarks - this release:* .  
[get it](#)  
[get it](#)

---

## TS 02.10 Provision of Telecommunication Services

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / - *rapporteur:* ,  
*G: yes U:* *MCC:* ,  
*remarks - general:*  
*remarks - this release:* .

---

## TS 02.12 Licensing

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / - *rapporteur:* ,  
*G: yes U:* *MCC:* ,  
*remarks - general:*  
*remarks - this release:* .

---

## TS 02.13 Subscription to the Services of a GSM PLMN

Ph1 *current version:* none  
*freeze\_meeting:*  
*history (event, available, version,*

*WG (prime / other):* / - *rapporteur:* ,  
*G: yes U:* *MCC:* ,  
*remarks - general:*  
*remarks - this release:* .

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 867

02 December 2002 20:54:12

Server WITHDRAWN specs Ph1 02 .- series  
[http://www.3gpp.org/ftp/Specs/archive/02\\_series](http://www.3gpp.org/ftp/Specs/archive/02_series)

---

<b>TS 02.14</b>	<b>Service Directory</b>				
Ph1	<i>current version: none</i>				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
		<i>G: yes U:</i>		<i>MCC:</i>	
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.
<hr/>					
<b>TS 02.15</b>	<b>Circulation of mobile stations</b>				
Ph1	<i>current version: none</i>				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
		<i>G: yes U:</i>		<i>MCC:</i>	
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.
<hr/>					
<b>TS 02.21</b>	<b>Transferred account procedure and billing information</b>				
Ph1	<i>current version: none</i>				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
	Jan 1990 10/05/1994 3 . 3 . 0	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	,
	? 10/05/1994 3 . 4 . 0	<i>G: yes U:</i>		<i>MCC:</i>	SULTAN, Alain
		<a href="#">get it</a>		<i>remarks - general:</i>	
		<a href="#">get it</a>		<i>remarks - this release:</i>	.

---

---

Ph1 **11** .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

---

<b>TS 11.01</b>	<b>Mobile station type approval procedure principles (Candidate NET 10 part 1)</b>				
Ph1	<i>current version: none</i>				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
		<i>G: yes U:</i>		<i>MCC:</i>	
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.

---

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 868

02 December 2002 20:54:12

Server WITHDRAWN specs Ph1 11 .- series  
[http://www.3gpp.org/ftp/Specs/archive/11\\_series](http://www.3gpp.org/ftp/Specs/archive/11_series)

## TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version: none*

*freeze\_meeting:*

*history (event, available, version,*

smg-01		3	.	6	.	0
smg-02		3	.	7	.	0
smg-03		3	.	8	.	0
smg-04		3	.	9	.	0
smg-05		3	.	10	.	0
smg-06		3	.	11	.	0
smg-07		3	.	12	.	0
smg-08	01/01/1995	3	.	13	.	0
smg-09		3	.	14	.	0
smg-10		3	.	15	.	0
smg-11		3	.	16	.	0
smg-12		3	.	17	.	0
smg-14		3	.	18	.	0
smg-17	01/01/1995	3	.	19	.	0

WG (prime / other): GP / NP *rapporteur:* VACANT,  
G: yes U: *MCC:* USAI, Paolino

*remarks - general:*  
*remarks - this release:*

[get it](#)

[get it](#)

Ph1 12 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/12\\_series](http://www.3gpp.org/ftp/Specs/archive/12_series)

## TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph1 *current version: none*

*freeze\_meeting:*

*history (event, available, version,*

draft 0 . 0 . 0

WG (prime / other): - / - *rapporteur:*  
G: yes U: *MCC:* ,

*remarks - general:* Title may have been "Network Management (NM); Part 3: Operations and  
*remarks - this release:* . performance management".

G = required in systems with GERAN acces; U = required in systems with UMTS

# 3GPP specification status

Page 869

02 December 2002 20:54:12

Server WITHDRAWN specs 22 .- series  
[http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

22 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/22\\_series](http://www.3gpp.org/ftp/Specs/archive/22_series)

---

**TS 22.234** (reserved for future WLAN I/w stage 1)

*current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* S2 / - *rapporteur:* ,  
*G:* U: yes *MCC:* SULTAN, Alain

*remarks - general:* Withdrawn: see conclusions (clause 7,3) of 22.934.

*remarks - this release:*

---

24 .- series Server location: [http://www.3gpp.org/ftp/Specs/archive/24\\_series](http://www.3gpp.org/ftp/Specs/archive/24_series)

---

**TS 24.04U** UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems

*current version:* none

*freeze\_meeting:*

*history (event, available, version,*

*WG (prime / other):* / *rapporteur:* ,  
*G:* U: *MCC:*

*remarks - general:*

*remarks - this release:*

---

---

---

G = required in systems with GERAN acces; U = required in systems with UMTS